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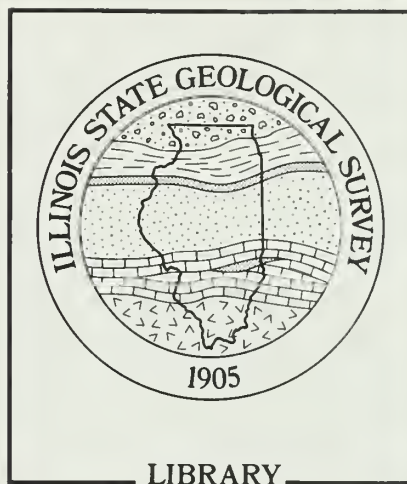
Oil and Gas Developments in Illinois, 1986

Bryan G. Huff

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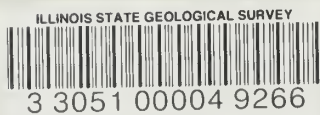
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Oil and Gas Developments in Illinois, 1986

Abstract

Illinois produced 27,244,736 barrels of crude oil in 1986. The value of this crude is estimated to be \$401.3 million.

New test holes reported for oil and gas numbered 2,435, 7.2 percent more than in 1985. These tests resulted in 1,324 oil wells, 40 gas wells, and 1,071 dry holes. In addition, 78 former dry holes were reworked or deepened and completed as producers, and 31 former producers were reworked or deepened and completed as producers in new pay zones. In oil and gas exploration and development, including service wells, total footage drilled in 1986 was 5,033,778 feet, 13.8 percent less than in 1985.

One new oil field, three gas fields, 32 new pay zones, and 39 extensions to fields were reported in 1986.

Of the 2,435 new holes reported as oil and gas tests in 1986, 512 were 1/2 mile or more from production (wildcats); 43 of these were completed as producers, a success ratio of 8.0 percent. Of the wildcat tests, 306 were drilled more than 1 1/2 miles from production (wildcat fars); they resulted in four producers, a success rate of 1.3 percent.

A total of 19 service wells (e.g. water input, salt water disposal) were reported in 1986.

Acknowledgments

Many individuals in the oil and gas industry have furnished data for this report. I appreciate their cooperation. I am also grateful to Kerry Riley of the Geological Survey, who contributed his time and computer expertise.

Oil production and value

In 1986, Illinois produced 27,244,736 barrels of crude oil, 10.2 percent less than the 30,226,487 barrels produced in 1985.

Table 1a lists by county the number of holes drilled, the footage drilled, and oil production in 1986. Holes drilled include tests for oil and gas and service wells. Production data and other data for each of the oil fields in Illinois are shown in table 8.

Crude oil production figures by fields are received from one source, and those for the state as a whole from another. The latter source, considered more accurate, was used to determine the total production for the state. The discrepancy between the totals accounts for the 1,961,658 barrels of crude oil for which the county and field assignments are not known (tables 1a and 8).

Eleven counties produced more than 1 million barrels of oil each in 1986. Their combined production accounted for 76.4 percent of the total in Illinois.

Fields that produced more than 200,000 barrels of oil each in 1986 accounted for 67.9 percent of the state's total production.

On the basis of an estimated average price of \$14.73 a barrel at the wells, the total value of crude produced by Illinois in 1986 was \$401.3 million.

Oil production by county

County	1986 production (bbl)	Percentage of state total
Lawrence	2,919,591	11.5
White	2,603,488	10.3
Wayne	2,142,204	8.5
Crawford	2,108,914	8.3
Marion	1,913,089	7.6
Fayette	1,654,559	6.5
Clay	1,486,487	5.9
Jefferson	1,321,240	5.2
Wabash	1,182,823	4.7
Jasper	1,015,511	4.0
Franklin	1,005,115	3.9
Total	19,353,021	76.4

Oil production by field

Field*	1986 production (bbl)	Percentage of state total
Clay City C	2,963,441	11.7
Lawrence	2,832,583	11.2
Main C	2,016,817	8.0
Salem C	1,831,815	7.2
Louden	1,695,305	6.7
New Harmony C	1,086,329	4.3
Sailor Springs C	765,166	3.0
Phillipstown C	517,554	2.0
Herald C	441,734	1.7
Roland C	432,832	1.7
Albion C	422,040	1.7
Allendale	369,712	1.5
Benton	310,961	1.2
Dale C	300,528	1.2
Divide C	286,740	1.1
Goldengate C	256,473	1.0
Mattoon	240,128	0.9
Mill Shoals	228,361	0.9
Elk Prairie	227,647	0.9
Total	17,226,166	67.9

* C = consolidated

1986 drilling

In 1986, 2,560 well completions in connection with oil and gas exploration and development were processed by the Illinois State Geological Survey (table 1a), up 10.1 percent from 1985. These wells include new holes drilled as oil and gas tests, former dry holes reworked or deepened and recompleted as producers in new pay zones, new holes drilled as service wells, and old holes converted to service wells. The number of permits issued to drill in 1986 was 1,796, compared with 4,491 issued in 1985.

New hole completions processed for oil and gas testing numbered 2,435, up 7.2 percent from 1985. These tests resulted in 1,324 oil wells, 40 gas wells, and 1,071 dry holes. In addition, 78 former dry holes were reworked or deepened and recompleted as oil producers; 31 former producers were reworked or deepened and recompleted as oil producers in new zones. In 1986, 19 service wells (e.g., water input, salt water disposal) were reported, 12 newly drilled and seven old wells converted to service wells.

New holes were drilled for oil and gas in 1986 in 56 of the 102 counties in Illinois. Ten counties accounted for 59 percent of these new holes: Crawford (299), White (200), Wayne (170), Clark (158), Schuyler (131), Jasper (120), Brown (118), Edwards (109), Clay (107), and Lawrence (100).

Total footage drilled in 1986 in connection with oil and gas exploration and development (including service wells) was 5,033,778 feet, 13.8 percent less than in 1985. For the 2,435 new holes reported as oil and gas tests, the total footage was 4,992,829 feet, an average of 2050 feet per well, compared with 2,522 feet per well in 1985.

Table 1b lists natural gas storage activity in 1986.

Discoveries

One new oil field, three new gas fields, and 32 new pay zones in existing fields were reported in 1986 (fig. 1; tables 2 and 3). Thirty-nine extensions to fields (7 gas, 32 oil) were also reported during the year (table 4). Two of the new fields produce from Pennsylvanian strata and two produce from the Silurian. Of the 32 new pay zones in fields, 29 produce from Mississippian strata, two from the Devonian, and one from the Silurian.

All of the new fields are small, and extensive development is not anticipated.

Exploration and development

Of the 2,435 new oil and gas tests reported in 1986, 512 were wildcats (1/2 mile or more from known production). Forty-three of the wildcats were completed as producers, a success ratio of 8.0 percent. Of the 206 wildcats drilled between 1/2 and 1 1/2 miles from production (wildcat nears), 39 were producers (7 gas, 32 oil), a success rate of 18.9 percent. The 306 wells drilled more than 1 1/2 miles from production (wildcat fars) resulted in four producers (3 gas, 1 oil), a success rate of 1.3 percent.

The deepest new pay discovery reported was Keating Oil Company's #3 Clara Carroll in Sumpter North field, section 16, T4S-R9E, White County. This well was completed with an initial production of 12 BOPD and 21 BWPD from two previously discovered zones

and a newly discovered St. Louis zone at 3,419 feet.

In 1986, 27 holes were reported drilled to a TD of 4,500 feet or greater. One of these tested Valmeyeran strata, 22 tested the Devonian, one tested the Silurian, and three tested Ordovician zones. The deepest test in 1986 was Ashland Exploration's Knox Dolomite (Ordovician) test, drilled to a TD of 8,728 feet in Harco field, section 6, 8S-6E, Saline County. The #1 Webber Unit tested dry in the Knox but was completed as a producer from the Waltersburg and Tar Springs formations (both Chesterian).

Seventy-five wells were reported in 1986 with initial production of 100 BOPD or more, 15 of these with an initial production of 200 BOPD or more. The highest initial production reported during the year was 432 BOPD from Marion Partlow's #1 Orell Farley, in Hunt City East field, section 31, T8N-R14W, Jasper County. This well was drilled to a TD of 2,334 feet and is producing from McClosky limestone (Valmeyeran). Other notable completions were two Aux Vases (Chesterian) wells in Roland Consolidated field, White County, with initial production of 340 BOPD with 80 BWPD and 250 BOPD respectively.

Fields revived and abandoned

Four abandoned fields were reported revived by successful drilling during 1985: Ritter North, Richland County; Sicily, Christian County; Wakefield, Jasper County; and Hornsby South, Macoupin County.

Eight fields were reported abandoned in 1986: Dahlgren Southwest, Jefferson County; Fayetteville, St. Clair County; Long Branch South, Saline County; Mills Prairie, Edwards County; Watson, Effingham County; Comer, Macoupin County; Hornsby South, Macoupin County; and Griggsville (oil), Pike County. These eight fields had 16 wells and cumulative production of 78,600 barrels of oil.

Geologic column

Figure 2 is a generalized geologic column of southern Illinois. It does not show the Pleistocene deposits that cover much Illinois bedrock, the Tertiary and Cretaceous rocks that occur in a belt across the southern end of the state, or the approximately 8,000 feet of Ordovician and Cambrian rocks between

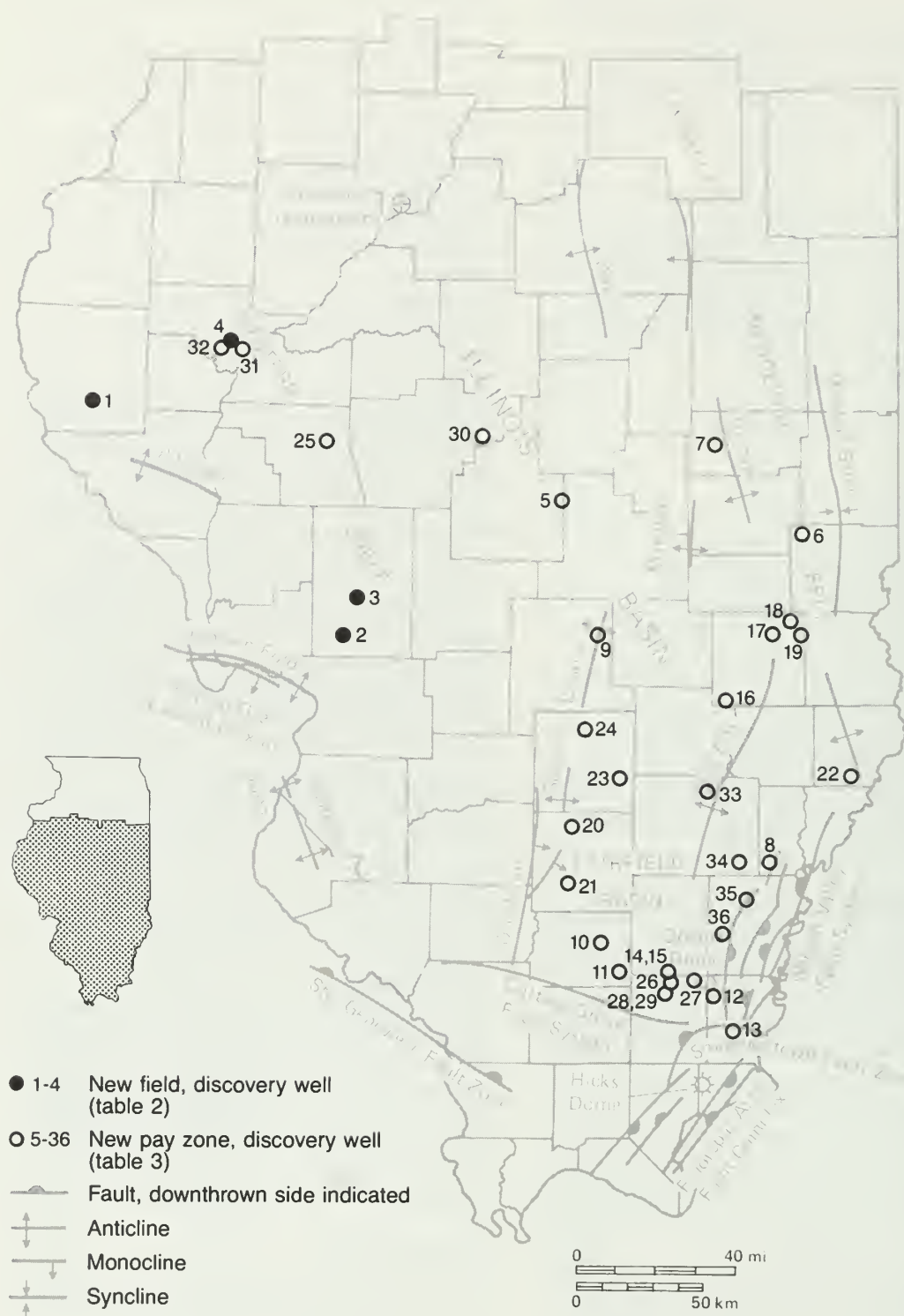
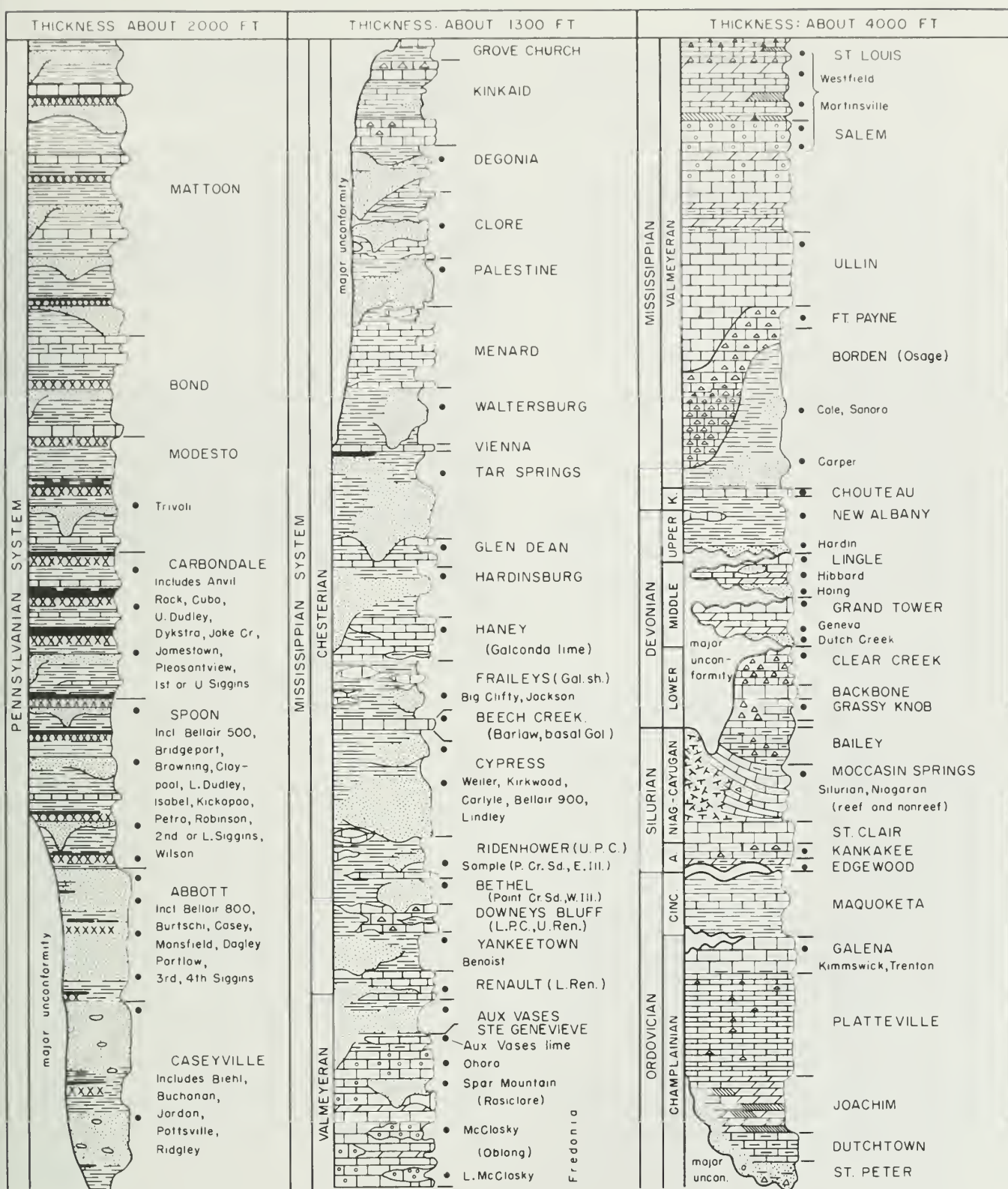


Figure 1 Locations of 1986 new field and pay zone discovery wells (see tables 2 and 3) and major tectonic features of southern Illinois (modified from J. D. Treworgy, 1981).



top of the Precambrian basement. Pay zones are indicated on the geologic column by solid dots.

Productive acreage

An estimated 7,350 acres were added to the oil producing area, and an estimated 400 acres to the natural gas producing area in 1986. The total area in Illinois proven productive of oil is 716,590 acres; the total area proven productive of gas is 39,150 acres. These acreage figures and those listed in tables 7 and 8 are based on known completed wells, their spacing, and surface geometry. The figures are not indicative of the physical limits of a reservoir. In Illinois the normal spacing pattern for oil wells that produce from depths of less than 4,000 feet is 10 acres per well for production from sandstone and 20 acres per well for production from limestone. For wells producing from depths between 4,000 and 6,000 feet, the spacing is 40 acres per well; from depths greater than 6,000 feet, 160 acres per well.

Gas production

A total of 1,887.5 million cubic feet of natural gas was produced and marketed in Illinois in 1986, compared with 1,324.0 million cubic feet in 1985. On the basis of an average price of \$2.57 per thousand cubic feet, the total value of this gas is estimated at \$4.85 million.

Liquified petroleum gas: underground storage

Twelve caverns, resulting from the mining of shale or limestone, provide storage capacity of 3,174,000 barrels of liquified petroleum gases in Illinois (table 6). The gases stored are propane, butane, propylene, and ethane.

Natural gas: underground storage

At the end of 1981, 39 underground natural gas storage facilities in Illinois were operating, being developed, or being studied for their capabilities for storing gas. Gas is now stored in rocks of Pennsylvanian through Cambrian age at depths from 350 to 4,000 feet. These storage facilities could hold as much as 1.6 trillion cubic feet of gas; ultimately, about 1.2 trillion cubic feet of gas will be used. Approximately one-third of stored gas

is working gas readily available for withdrawal and delivery to customers; two-thirds is cushion gas.

Since 1977, one of the major operating companies has curtailed its release of data on storage capacities and withdrawals; consequently we have not collected any data since January 1, 1982. An unrevised table containing summary statistics for natural gas storage facilities is available in the 1981 to 1985 annual reports (I.P.s 124-128).

Natural gas: surface storage

A facility for the liquefaction and storage of natural gas at the Manlove Gas Storage field, Mahomet, Illinois, is being operated by the Peoples Gas Light and Coke Company. Two above-ground tanks are each capable of containing, as liquified natural gas, the equivalent of 1 billion cubic feet of pipeline natural gas measured at standard temperature and pressure.

Table 1A Summary of oil and gas drilling activity and oil production in 1986

County	Permits to drill	Total completions	Production tests					Service wells					Total oil prod. (bbl)	
			New holes Prod. *	D&A	Prod. to prod. *	Prod. to new pay zones	Footage drilled production tests	New service wells	Conversions		Footage drilled service wells	Structure tests		Total footage drilled
									Were prod.	other #				
Adams	16	65	2(9)	54	-	-	39,532	-	-	-	-	-	39,532	1,793
Bond	13	10	-	8	-(1)	1	9,313	-	-	-	-	-	9,313	74,184
Brown	24	118	9(1)	108	-	-	78,140	-	-	-	-	-	78,140	103,784
Calhoun	-	2	-	2	-	-	980	-	-	-	-	-	980	-
Cass	-	2	-	2	-	-	1,870	-	-	-	-	-	1870	-
Champaign	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Christian	41	41	19	22	-	-	82,011	-	-	-	-	-	82,011	519,257
Clark	92	158	129(1)	24	1	1	97,847	2	-	-	-	-	98,452	269,131
Clay	68	107	58	35	7	7	295,716	-	-	2	5,677	-	301,393	1,486,487
Clinton	26	16	6	10	-	-	34,897	-	-	-	-	-	34,897	240,133
Coles	16	53	32(1)	17	1	1	113,842	1	-	-	2,880	-	116,722	263,008
Crawford	411	299	254(4)	38	-	-	320,030	3	-	-	3,428	-	323,458	2,108,914
Cumberland	1	8	5	2	-	-	17,887	-	-	-	-	-	17,887	8,936
Dewitt	2	2	-	2	-	-	2,328	-	-	-	-	-	2,328	49,253
Douglas	19	9	3	6	-	-	14,503	-	-	-	-	-	14,503	4,186
Edgar	7	13	-(6)	7	-	-	6,794	-	-	-	-	-	6,794	62,707
Edwards	50	109	67	30	5	6	333,718	1	-	-	3,176	-	336,894	882,111
Effingham	4	3	1	2	-	-	5,612	-	-	-	-	-	5,612	277,834
Fayette	28	87	58(1)	22	-	5	166,491	1	-	-	1,534	-	168,025	1,654,559
Franklin	56	42	18	21	2	1	138,634	-	-	-	-	-	138,634	1,005,115
Fulton	-	4	-	4	-	-	2,957	-	-	-	-	-	2,957	-
Gallatin	40	64	42(1)	15	5	1	137,174	-	-	1	2,712	-	139,886	390,845
Greene	-	3	-	3	-	-	1,819	-	-	-	-	-	1,819	-
Hamilton	30	43	15	28	-	-	153,111	-	-	-	-	-	153,111	536,266
Hancock	6	4	-	4	-	-	3,346	-	-	-	-	-	3,346	123
Jackson	2	6	-	6	-	-	11,325	-	-	-	-	-	11,325	8,877
Jasper	52	120	71	44	5	-	295,530	-	-	-	-	-	295,530	1,015,511
Jefferson	64	79	45	32	2	-	231,640	-	-	-	-	-	231,640	1,321,240
Jersey	-	3	-(1)	2	-	-	1,224	-	-	-	-	-	1,224	-
Knox	-	3	-	3	-	-	1,561	-	-	-	-	-	1,561	-
Lawrence	86	100	67(1)	24	6	-	172,330	2	-	-	3,498	-	175,828	2,919,591
Livingston	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Logan	4	-	-	-	-	-	-	-	-	-	-	-	-	-
McDonough	3	27	-	27	-	-	15,213	-	-	-	-	-	15,213	4,088
McLean	1	2	-	2	-	-	2,136	-	-	-	-	-	2,136	-
Macon	4	12	4	5	3	-	18,472	-	-	-	-	-	18,472	87,719
Macoupin	27	30	2(4)	24	-	-	17,527	-	-	-	-	-	17,527	10,924
Madison	3	6	1	5	-	-	3,325	-	-	-	-	-	3,325	108,457
Marion	72	77	40	35	-	-	214,234	1	-	1	5,020	-	219,254	1,913,089
Mercer	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Monroe	9	7	4	3	-	-	4,440	-	-	-	-	-	4,440	4,549
Montgomery	2	11	3	8	-	-	12,767	-	-	-	-	-	12,767	7,501
Morgan	3	14	4	10	-	-	5,102	-	-	-	-	-	5,102	1,049
Moultrie	1	2	-	2	-	-	4,809	-	-	-	-	-	4,809	4,361
Perry	5	4	2	2	-	-	9,361	-	-	-	-	-	9,361	11,050
Piatt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pike	7	42	-(3)	39	-	-	22,637	-	-	-	-	-	22,637	648
Randolph	1	13	8	5	-	-	29,564	-	-	-	-	-	29,564	90,640
Richland	76	62	44	15	3	-	196,883	-	-	-	-	-	196,883	849,294
St. Clair	2	9	-	9	-	-	11,658	-	-	-	-	-	11,658	22,061
Saline	35	45	20(2)	21	2	-	135,312	-	-	1	3,088	-	138,400	371,701
Sangamon	7	19	6	12	-	-	31,049	-	-	-	-	-	31,049	82,493
Schuyler	17	131	7(5)	119	-	-	82,721	-	-	-	-	-	82,721	7,594
Scott	-	1	-	1	-	-	830	-	-	-	-	-	830	-
Shelby	6	13	6	7	-	-	22,376	-	-	-	-	-	22,376	44,482
Wabash	45	52	28	22	2	1	130,721	-	-	-	-	-	130,721	1,182,823
Warren	-	1	-	1	-	-	901	-	-	-	-	-	901	-
Washington	14	36	21	15	-	-	89,391	-	-	-	-	-	89,391	503,467
Wayne	125	170	102	50	16	2	557,762	-	-	-	-	-	557,762	2,142,204
White	167	200	121	54	18	5	596,876	1	-	2	9,241	-	606,117	2,603,488
Williamson	3	1	-	1	-	-	4,650	-	-	-	-	-	4,650	25,551
Production, location unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	1,961,658
Total	1796	2560	1324	1071	78 31	-	4,992,829	12	-	7	40,949	-	5,033,778	27,244,736

*Gas in parentheses; not included in totals.

#Former D&A and other types of wells, except former producers.

Table 1B Summary of underground natural gas storage drilling activity in 1986

County	Permits issued	Total completions	Injection and withdrawal wells		Service wells	
			New wells	Conversions	New wells	Conversions
No permits and no completions in connection with natural gas were reported.						

Table 2 Discovery wells of four new fields in 1986

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod. oil/water BBL gas MCF	Pay zone	Prod. depth (ft)	Total depth (ft)	Com-pletion date
1	Adams 25-2S-7W	Okieco Energy Meyer # 2	Adams	1300 MCFG	Silurian	409	414	6/28/83
2	Macoupin 6-7N-8W	Sierra Energy Co. Schrier, Kenneth # 1	Woodburn North	650 MCFG	Penn.	381	407	1/15/86
3	Macoupin 23-9N-8W	DEC Oil & Gas Co. Rhodes, Albert #1	Macoupin Station	10 MCFG	Penn.	337	355	6/ 1/85
4	Schuyler 6-1N-1W	Concept Resources, Inc. Pfeiffer # 1	Rushville Central	Oil well	Silurian	N/A	N/A	9/30/83

Table 3 Discovery wells of 32 new pay zones in fields in 1986

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.	New pay zone	Prod. depth (ft)	Total depth (ft)	Com-pletion date	Remarks
5	Christian 23-13N-1E	Homco, Ltd. Jones # 2	Assumption Cen	7	St. Louis	1,430	2,489	5/15/86	
6	Clark 31-12N-14W	Tri-Cor Oil Producers Drake, W.W. #T- 4	Westfield	9	Salem	N/A	420	3/15/86	I.P. includes prod. from St. Louis.
7	Douglas 12-15N-7E	White, Carl Yoder # 4	Bourbon C.	5	Chouteau	2,471	2,514	2/27/86	
8	Edwards 32-2S-10E	Prior, John Hallam Comm. #1	Ellery S	29/70	Spar Mt.	3,316	3,345	5/26/85	
9	Fayette 32-8N-3E	Exxon Corporation Blurton, Mary #14	Louden	33/472	Renault	1,446	1,770	11/23/85	I.P. includes prod. from Cypress & Paint Creek.
10	Franklin 2-6S-3E	Farrar Oil Co., Inc. Harrelson # 1	Bessie	16	Hardinsburg	2,367	3,869	3/ 4/86	Also field extension.
11	Franklin 8-7S-4E	Benton Oil Prod., Inc. Prior #1	Thompsonville N	85	Spar Mt.	3,062	3,917	5/24/85	
12	Gallatin 7-8S-8E	L & J Oil & Gas, Inc Woolard, C. & A. # 4	Omaha S	22	Ohara	2,904	2,935	8/25/86	
13	Gallatin 25- 9S- 8E	Bi-Ecko Oil Co. Rollman #2	Lawler	1/190	Waltersburg	1,507	1,617	8/30/84	
14	Hamilton 17-7S-6E	Brown Enterprises Brown-Barton # 3	Long Branch	110	Spar Mt.	3,194	3,278	3/ 4/86	
15	Hamilton 17-7S-6E	Brown Enterprises Barton # 4	Long Branch	85/35	St. Louis	3,374	3,395	6/ 3/86	
16	Jasper 16-5N-9E	Dedica Energy Corp. Hall # 1	Wakefield	32	McClosky	3,105	3,115	4/ 1/86	
17	Jasper 32-8N-10E	Tri-Cor Oil Producers Bergbower # 1	Hidalgo S	50	St. Louis	2,721	2,750	3/18/86	I.P. includes prod. from McClosky.
18	Jasper 7-8N-11E	Energy Investments Huddleston, M. # 1	Yale	18/80	Benoist	1,737	1,873	12/15/85	Also field extension. Includes prod. from McClosky.
19	Jasper 32-8N-14W	Bond Oil Prod. Co. Huddleston, Fred # 2	Hunt City E	45	Aux Vases	1,634	1,810	2/15/86	

Table 3 (continued)

Map no.	County and location	Operator, well no., and farm	Field	Initial daily prod.	New pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
20	Jefferson 16-1S-2E	Prior, John Timmons # 1	Salem C	31/380	Renault	1,978	2,460	6/24/86	
21	Jefferson 32-3S-2E	Black Hawk Res. Corp. Jefferson O&G #36X-32	Waltonville	15/40	Salem	3,170	4,410	10/19/81	I.P. includes prod. from Osage.
22	Lawrence 17-2N-12W	S & M Oil Prod. Anderson Bros. # 3	Ruark	14/350	Tar Springs	1,625	1,630	9/26/84	
23	Marion 20-2N-4E	Goose Creek Oil Co. Clifton Comm. # 1	Iuka S	10	Paint Creek	2,488	2,915	12/13/85	
24	Marion 25-4N-2E	Jones, Roger M. Schoonover # 2	Alma	140	McClosky	2,196	2,241	6/14/86	Also field extension.
25	Morgan 9-15N-9W	B.E.S.T. Oil Co. Thornley, A. # 2-B	Jacksonville Gas	4	St. Louis	304	334	9/16/85	
26	Saline 20-7S-6E	Pyramid, G.W. Co., Inc. Cole # 2	Long Branch	25/10	Tar Springs	2,364	3,445	9/ 2/86	
27	Saline 27-7S-7E	WILPRO Bramlet et al # 1	Francis Mills	78	Tar Springs	2,258	3,155	11/ 6/85	Also field extension.
28	Saline 6-8S-6E	Ashland Exploration, Inc. Weber, A.E. et al # 5	Harco	84	Waltersburg	2,212	2,400	8/27/85	
29	Saline 6-8S-6E	Ashland Exploration, Inc. Webber Unit # 2 Well # 2	Harco	47/145	McClosky	3,174	3,504	3/16/86	I.P. includes prod. from Waltersburg Tar Springs Aux Vases & Rosiclare.
30	Sangamon 3-15N-3W	Beckham, Dwight Morris, Robert # 2	Roby	Oil well	Devonian	1,734	1,810	6/ 3/86	I.P. not available.
31	Schuyler 21-1N-1W	Longhorn Resources, Inc. Mohlenbruck #1	Beardstown	650 MCFG	Silurian	568	572	5/29/85	
32	Schuyler 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	35/24	Devonian	644	715	2/23/84	Also field extension.
33	Wayne 2-1N-7E	Ring Oil Co. Michels, A. E. #6	Clay City C	5/400	Paint Creek	2,800	2,803	4/ 1/86	
34	Wayne 31-2S-9E	Friend, Jerry E. Moore #3	Barnhill	35	Cypress	2,962	3,451	8/27/85	OWNO. IP includes prod. from Aux Vases & Rosiclare.
35	White 16-4S-9E	Keating Oil Co. Carroll, Clara #3	Sumpter N	12/21	St. Louis	3,419	4,150	1/ 1/85	I.P. includes prod. from Ohara & McClosky.
36	White 33-5S-8E	Prairie Energy Inc. Storey, Jesse L. #2	Enfield	Oil well	Bethel	N/A	3,492	11/11/85	I.P. not available.

Table 4 Discovery wells of 39 extensions to fields in 1986

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Adams 19-2S-6W	Mason & Jansen Davidson & Wellman # 1	Adams	Gas well	Silurian	N/A	423	8/20/85	I.P. not available.
Adams 36-2S-7W	Okeico Energy Koch # 1	Adams	768 MCFD	Silurian	434	442	8/26/83	
Brown 14-2S-4W	Quest Petroleum Co. Jones # 1	Siloam	157 MCFD	Edgewood	658	671	1/21/83	
Christian 11-14N-2W	Carey, John Oil Co., Inc Ostermeier Comm. #1	Mt. Auburn C	Oil well	Silurian	2,034	2,106	4/ 8/86	I.P. not available.
Christian 28-15N-2W	Carey, John Oil Co., Inc FNB Fels Trust # 1	Mt. Auburn C	Oil well	Silurian	1,892	1,905	10/15/85	I.P. not available.
Edgar 8-12N-13W	Zink, Earnest Brinkerhoff #1	Inclose	100 MCFD	Penn.	290	345	6/ 1/85	

Table 4 (continued)

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Completion date	Remarks
Edgar 17-12N-13W	Zink, Earnest Brinkerhoff #2	Inclosure	100 MCFD	Penn.	290	330	5/25/85	
Edwards 28-1S-10E	McDowell Bros. Oil Kelsey, Jack # 1	Albion NW	80	Ohara	3,330	3,427	1/14/86	
Edwards 28-1S-10E	McDowell Bros. Oil Kelsey-Pierce Unit # 1	Albion NW	31	Ohara	3,347	3,427	11/ 8/85	
Edwards 16- 3S-10E	Pioneer Oil Company Tait, Warren # 1	Albion C	170	Ohara	3,217	3,279	2/14/86	
Edwards 17-3S-14W	French Creek Company Johnson, Carson # 4	Phillipstown C	3/20	Ohara	3,074	3,175	9/ 5/81	
Franklin 31-5S-3E	O.O. & E. Corporation Bowman, M. # 1	Whittington	47/100	Aux Vases	2,748	2,855	8/15/85	
Franklin 2-6S-3E	Farrar Oil Co., Inc. Harrelson # 1	Bessie	16	Hardinsburg	2,367	3,869	3/ 4/86	Also new pay in field.
Jasper 7-8N-11E	Energy Investments Huddleston, M. # 1	Yale	18/80	Benoist McClosky	1,737 1,824	1,873	12/15/85	Benoist also new pay in field.
Lawrence 12-3N-11W	Anderson, R.E. Oil Co. Stuart Heirs # 1	Beman	1/1	McClosky	1,837	1,860	7/ 6/86	
Macon 23-16N-1E	Carter Oil Prop., Inc. Bourne # 1	Harristown	Oil well	Silurian	N/A	2,065	1/22/85	OWWO, I.P. not available.
Marion 25-4N-2E	Jones, Roger M. Schoonover # 2	Alma	140	McClosky	2,196	2,241	6/14/86	Also new pay in field.
Marion 15-4N-3E	K & K Development Robnett # 1	Kinmundy N	8	Benoist	2,050	2,240	1/ 5/86	
Morgan 24-15N-10W	B.E.S.T. Oil Co. York # 2-B	Jacksonville Gas	18	Penn.	246	280	10/22/85	
Pike 27-4S-3W	Jackson, Michael & Assoc Williamson # 1	Griggsville	Gas well	Silurian	470	475	9/30/83	I.P. not available.
Richland 30-2N-10E	Miller, B. L. Scherer, D. # 1	Calhoun S	210	McClosky	3,233	3,242	2/18/86	
Richland 30-2N-10E	Fulk Oil Company Wyatt, R. # 1	Calhoun S	40/20	Spar Mt.	3,240	3,300	4/ 1/86	
Richland 36-5N-14W	Petdelco, Inc. Gray # 1	Bowyer	15	McClosky	2,853	2,915	7/10/86	
Saline 27-7S-7E	WILPRO Bramlet etal # 1	Francis Mills	78	Tar Springs	2,258	3,155	11/ 6/85	Also new pay in field.
Saline 35-7S-7E	Pyramid, G.W. Co., Inc. Garner, James # 1	Eldorado C	15/50	Aux Vases	2,938	2,987	5/20/86	
Sangamon 8-15N-3W	Carey, John Oil Co., Inc. Flatt #1	Roby W	10/110	Hibbard	1,659	1,687	4/17/85	
Schuyler 12-1N-2W	Longhorn Resources, Inc. Morgan # 1	Rushville Central	36/24	Oevonian	644	715	2/23/84	Also new pay in field.
Schuyler 12-1N-2W	Midland Minerals Morgan #2	Rushville Central	14	Devonian	640	713	7/19/84	
Schuyler 3-2N-2W	Two Rivers Petroleum Co. Mundt Corp. Farm # 1	Rushville NW	250 MCFG	Silurian	576	630	5/15/86	
Schuyler 22-2N-3W	Davis Bros. Oil Prod. Clayton # 1	Erwin	Oil well	Silurian	N/A	566	2/21/86	I.P. not available.
Wabash 15-1S-13W	Smith Operating Co., Inc. Wolf Comm. # 2	New Harmony C	14/40	Bethel	2,450	2,721	10/13/85	
Washington 29-3S-1W	Oelze, Elmer Jr. Pieszcalski #2	Dubois Cen	1/10	Spar Mt.	1,537	1,541	5/20/85	
Wayne 17-1N-9E	Buchanan, Art Taylor, Glen # 2	Mt. Erie N	Oil well	McClosky	3,285	3,290	7/ 5/82	I.P. not available.
Wayne 35-1S-6E	Buchanan, Art Buchanan, Art 'C' Lse # 1	Clay City C	Oil well	Ullin	N/A	4,174	10/23/84	OWDD, I.P. not available.
Wayne 22-1S-7E	Van Oyke Oil Co., Inc. Brown, Wayne #1	Clay City C	70	Salem	3,642	4,025	2/11/85	

Table 4 (continued)

County and location	Operator, well no., and farm	Field	Initial daily prod.	Pay zone	Prod. depth (ft)	Total depth (ft)	Com-pletion date	Remarks
Wayne 16-1S-9E	Higgins, Charles F. Bailey, Ellis # 2	Locust Grove S	50	Ohara	3,298	3,306	2/25/86	
Wayne 1-3S-5E	Sherman, Clarence Bernard, Estel #1	Mayberry	3	Salem	N/A	5,340	5/ 1/85	
White 32-3S-9E	D & K Oil Co., Inc. Bosecker, Walter # 3	Goldengate C	Oil well	McClosky	N/A	3,472	5/10/86	
White 21-6S-9E	Turner, J. D. Hoskins, Phillip #1	Storms C	3/6	Ohara	3,078	3,125	10/23/84	

Table 5 Selected unsuccessful deep tests in 1986

County and location	Operator, well no., and farm	Field or wildcat	Deepest strata tested	Depth to top (ft)	Total depth (ft)	Com-pletion date
Perry 4-4S-1W	Clarence Sherman Bejma #2	Dubois Consol.	Knox	?	5504	9/2/85
Wayne 36-2S-5E	Clarence Sherman Neff #2	Mayberry	Dutch Creek	5249	5288	7/11/85
Wayne 23-2N-5E	Ill. Basin Explor. Bumgarner #1	Wildcat far	Devonian	4408	4836	10/23/85

Table 6 Underground storage facilities for liquified petroleum gases in Illinois, January 1, 1986

Company	Location	Type of storage	Approx. depth (ft)	Stratigraphic unit	Capacity (bbl)
General Facilities, Inc.	Wood River, Madison County	Mined limestone	400	Valmeyeran (Mississippian)	80,000
Hydrocarbon Transportation, Inc.	Morris, Grundy County	Mined shale	1,450	Eau Claire (Cambrian)	150,000
Hydrocarbon Transportation, Inc.	Lemont, Will County	Mined shale Mined shale	304 358	Maquoketa Maquoketa (Ordovician)	250,000
Mid-America Pipeline Co.	Farmington, Peoria County	Mined shale	260	Pennsylvanian	440,000
Phillips Petroleum Co.	Kankakee, Kankakee County	Mined shale	300	Maquoketa (Ordovician)	260,000
Shell Oil co.	Wood River, Madison County	Mined limestone Mined limestone	430	Valmeyeran (Mississippian)	500,000 232,000
Tuloma Gas Products Co.	Wood River, Madison County	Mined limestone Mined limestone	400	Valmeyeran (Mississippian)	190,000 50,000
U.S. Industrial Chemicals Co.	Tuscola, Douglas County	Mined limestone and siltstone	350	Pennsylvanian	170,000 800,000
Warren Petroleum Corp.	Crossville, White County	Mined shale	--	Pennsylvanian	52,000
Total					3,174,000

Table 7 Illinois oil field statistics, 1986; explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of oil discovery.
Age:	PC, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; Stp, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.
Kind of rock in pay zone	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; : OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure/trap:	A, anticline; C, stratigraphic trap; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monodine; R, reef; Rd, reef drape; T, terrace; U, unconformity. Combinations of letters are used when more than one factor applies.
+	Field listed in table 8 (gas production).
*	Field has been or is under waterflood.
++	Illinois portion only.
#	Acreage is included in the immediately preceding figure.
x	Correct entry not determinable.

Table 7 Illinois oil field statistics, 1986

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test Zone	Depth (ft)	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR, API	Sulfur percent	Kind of rock	Thickness	Structure			
Ab Lake, Gallatin, 8S, 10E																	
		1947	120	1.4	142.6	14	4	1		6				M	Mis	2953	
	Pennsylvanian	805 1957	40			4	0	1		35	S	10	M				
	Palestine, Mis	1835 1954	10			1	0	0		36	S	5	MF				
	Waltersburg, Mis	2000 1957	40			3	0	0		37	S	10	M				
	Renault, Mis	2735	20			2	0	0		35	L	8	MF				
	Aux Vases, Mis	2770	50			5	4	0		35	S	9	MF				
Ab Lake South, Gallatin, 9S, 10E																	
	Aux Vases, Mis	2798 1959	20	0.0	3.8	2	0	0		1	36	S	6	M	Mis	3610	
				ABD 1963, REV 1984													
*Ab Lake West, Gallatin, 8-9S, 9-10E																	
		1950	460	0.4	551.0	35	0	1		16				M	Mis	4077	
	Pennsylvanian	725 1954	50			3	0	0		35	S	10	ML				
	Waltersburg, Mis	2020 1956	300			19	0	1		37	S	20	ML				
	Tar Springs, Mis	2075 1958	30			2	0	0		38	S	10	ML				
	Cypress, Mis	2425 1954	10			1	0	0		36	S	9	ML				
	Aux Vases, Mis	2735	180			18	0	0		36	S	6	ML				
	McClosky, Mis	2830	20			2	0	0		38	L	2	MC				
*Aden C, Wayne, Hamilton, 2-3S, 7E																	
		1938	2540	39.8	13718.7	141	3	1		63				A	Dev	5450	
	Aux Vases, Mis	3200 1938	1620			68	1	1		39	S	10	A				
	Ohara, Mis	3290 1943	2130			12	2	0		35	L	7	A				
	Spar Mt., Mis	3320 1943	#			6	0	0		35	L	5	AC				
	McClosky, Mis	3350 1938	#			84	0	0		35	L	4	A				
	Salem, Mis	3735 1948	90			12	1	0		36	L	16	AC				
	Ullin, Mis	4132 1959	80			7	0	0		39	L	16	AC				
	Lingle, Dev	5182 1968	10			1	0	0		39	S	10	AC				
	Outch Creek, Dev	5318 1959	30			3	0	0		40	S	10	A				
Aden East, Wayne, 2S, 7E																	
	McClosky, Mis	3434 1961	10	0.0	0.0	1	0	0		0	39	OL	6		Mis	3552	
				ABO 1961													
*Aden South, Hamilton, 3S, 7E																	
		1945	380	0.5	867.6	32	1	1		9				A	Dev	5500	
	Aux Vases, Mis	3245 1946	170			10	1	1		39	S	8	AL				
	Ohara, Mis	3310	380			3	0	0		37	L	7	AC				
	Spar Mt., Mis	3330	#			8	0	0		37	L	8	AC				
	McClosky, Mis	3395 1945	#			18	0	0		38	L	9	AC				
	Salem, Mis	4190 1983	10			1	0	0			L	4	AC				
*Akin, Franklin, 6S, 4E																	
		1942	770	2.9	2481.4	60	0	0		9				A	Mis	4300	
	Cypress, Mis	2840 1942	220			14	0	0		35	S	10	AL				
	Aux Vases, Mis	3100	530			41	0	0		37	S	22	AL				
	Ohara, Mis	3100 1956	70			4	0	0		38	L	18	AC				
	McClosky, Mis	3270 1943	#			1	0	0		38	L	9	AC				
Akin West, Franklin, 6S, 4E																	
		1948	160	3.7	275.2	11	0	1		7				A	Dev	5185	
	Cypress, Mis	2715 1950	30			2	0	1		35	S	8	AL				
	Ohara, Mis	3050 1948	110			3	0	0		37	L	10	AC				
	Spar Mt., Mis	3080 1948	#			2	0	0			L	12	AC				
	McClosky, Mis	3130	#			3	0	0		39	L	4	AC				
	Salem, Mis	3663 1962	10			1	0	0		38	L	10	AC				
	Ullin, Mis	3994 1962	20			2	0	0		37	L	10	AC				
Albion Cen, Edwards, 2S, 10E																	
		1955	140	1.1	147.1	11	0	0		5					Mis	4260	
	Ohara, Mis	3350 1955	140			10	0	0		37	L	5					
	Spar Mt., Mis	3427 1982	#			1	0	0			S	5					
	McClosky, Mis	3395	#			1	0	0			L	4					
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W																	
		1940	9900	422.0	36482.3	832	33	5		452				AM	Dev	5200	
	Mansfield, Penn	1650	2100			7	0	0		28	S	5	MF				
	Bridgeport, Penn	1900	#			30	0	0		29	S	15	MF				
	Biehl, Penn	2000 1944	#			174	3	0		37	S	15	MF				
	Oegonia, Mis	2125	20			3	0	0		35	S	9	MF				
	Waltersburg, Mis	2365 1949	760			74	1	0		36	S	16	AL				
	Tar Springs, Mis	2460 1944	200			12	0	0		37	S	5	AL				
	Hardinsburg, Mis	2635	70			6	0	0		36	S	10	A				
	Cypress, Mis	2860	1290			102	8	1		37	S	15	A				
(Continued on next page)																	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Albion C +, Edwards, White, 1-3S, 10-11E, 14W (Continued from previous page)																
	Paint Creek, Mis	2926	1984	20		2	1	0			S	4				
	Bethel, Mis	2960		1370		95	5	1		36			14	AF		
	Benoist, Mis	3000		1000		77	6	1		34			13	AF		
	Renault, Mis	2988	1980	250		24	4	0					8			
	Aux Vases, Mis	3045	1942	2700		193	7	1		37			18	AF		
	Ohara, Mis	3110	1943	4010		43	2	0		40			5	AC		
	Spar Mt., Mis	3130				33	1	0		38			10	AC		
	McClosky, Mis	3200	1940			183	7	1		37			12	AC		
	St. Louis, Mis	3310	1983	40		4	0	0					6			
	Salem, Mis	3596	1980	100		8	1	0					8			
	Ullin, Mis	3968	1980	70		7	1	0					10			
*Albion East, Edwards, 2S, 14W																
	Cypress, Mis	2800	1943	1620	37.0	2742.5	131	4	0	77						
	Bethel, Mis	2920		340			27	0	0		32		7	A	Mis 3982	
	Benoist, Mis	2925		170			11	0	0		38		6	AL		
	Renault, Mis	3001	1980	250			27	2	0		38		10	AC		
	Aux Vases, Mis	3020		50			3	0	0				8			
	Ohara, Mis	3020		400			29	1	0	34 0.14			17	AL		
	Spar Mt., Mis	3100	1943	890			17	1	0	38			7	A		
	McClosky, Mis	3125	1947				26	0	0				7	A		
	St. Louis, Mis	3155					22	0	0				7	A		
		3260	1983	20			2	1	0				1			
Albion Northwest, Edwards, 1S, 10E																
	Ohara, Mis	1967		130	27.1	107.8	11	3	0	9					Mis 4145	
	McClosky, Mis	1984		130			7	3	0				6			
		1967					4	0	0				6			
Albion West, Edwards, 3S, 10E																
	Ohara, Mis	1953		40	1.3	19.7	3	0	0	2					Mis 3762	
	McClosky, Mis	1976		40			2	0	0				8			
		1953					1	0	0				5			
ABO 1953,REV 1976																
*Allendale, Wabash, Lawrence, 1-2N, 11-13W																
	Pleasantview, Penn	660	1912	10780	369.7	25421.5	1278	19	18	401					Ord 5143	
	Bridgeport, Penn	1070		6870			0	0	0				30	AM		
	Buchanan, Penn	1290					4	0	0				12	AM		
	Biehl, Penn	1450					0	0	0				15	AM		
	Jordan, Penn	1490					758	7	5	33			20	AM		
	Waltersburg, Mis	1540		380			30	1	0				10	AM		
	Tar Springs, Mis	1600		330			33	0	0		31		15	AM		
	Hardinsburg, Mis	1780		10			29	0	0		30		20	AM		
	Cypress, Mis	1920		2110			2	0	0		34		10	AM		
	Sample, Mis	1769		1340			113	3	8		34		10	AM		
	Bethel, Mis	2010					13	0	1		35		10	AM		
	Aux Vases, Mis	2280		180			106	0	0		35		10	AM		
	Ohara, Mis	2300		1400			14	0	4		37		12	AM		
	Spar Mt., Mis	2300					33	1	0				10	AM		
	McClosky, Mis	2300					18	2	0			LS	5	AM		
	St. Louis, Mis	2275	1967	50			47	6	2	36			8	AM		
	Salem, Mis	2774	1966	100			5	0	2	39			15			
	Ullin, Mis	2806	1966	40			8	0	0	39			10			
							3	0	0	39			12			
Alma, Marion, 4N, 2E																
	Cypress, Mis	1805	1941	120	7.4	107.0	10	1	0	4					Oev 3692	
	Benoist, Mis	1945	1942	80			1	0	0		35		7	A		
	Aux Vases, Mis	2065	1982	30			8	0	0		36		8	AL		
	Spar Mt., Mis	2085	1941	40			2	0	0				3			
	McClosky, Mis	2196	1986	10			2	0	0	36 0.26			10	AC		
							1	1	0				6			
ABD,REV1982																
Amity, Richland, 4N, 14W																
	Aux Vases, Mis	1942		90	1.4	75.8	7	0	0	4					Mis 3873	
	Spar Mt., Mis	1977		10			1	0	0				10			
	McClosky, Mis	1983		90			1	0	0				6			
		1960	1942				6	0	0	36			5	MC		
Amity S, Richland, 4N, 14W																
	Spar Mt., Mis	1953		390	7.0	191.1	26	1	0	22					Mis 3071	
	McClosky, Mis	1953		80			26	1	0		38		4			
		1981					1	0	0				3			
ABO 1953,REV 1979																

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test		
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Amity W, Richland, 4N, 14W																	
		1953	40	0.0	0.0	3	0	0	2							Mis	3145
	Aux Vases, Mis	2925	1953	10		1	0	0	38		S	12					
	Spar Mt., Mis	2953	1981	30		2	0	0			S	5					
	ABD 1954,REV 1981																
*Ashley, Washington, 2S, 1W																	
		1953	220	7.1	542.4	16	0	0	14							Trn	4335
	Benoist, Mis	1430	1953	210		15	0	0	30		S	7					
	Trenton, Ord	4210	1983	10		1	0	0			L	34					
*Ashley E, Washington, 2S, 1W																	
	Benoist, Mis	1636	1969	60	0.2	67.3	5	0	5		S	6			Mis	2030	
Ashmore E, Coles, 13N, 14W																	
	Pennsylvanian	415	1956	60	0.0	0.8	6	0	0	4	30		S	14		Oev	1228
	ABD 1957, REV 1962																
Ashmore S +, Coles, Clark, 12N, 10-11E, 14W																	
		1958	350	0.6	59.5	25	0	0	12							Trn	2260
	Pennsylvanian	420	1958	350		24	0	0		24		S	x	AL			
	Mississippian	475	1963	20		1	0	0		38		L	17				
Assumption Cen, Christian, 13N, 1E																	
		1961	220	54.6	128.7	18	2	1	16							Si1	2566
	Cypress, Mis	1176	1985	10		1	0	0				S	10				
	Benoist, Mis	1220	1984	190		14	0	0				S	7				
	St. Louis, Mis	1430	1986	10		1	1	0				L	4				
	Devonian	2433	1961	20		2	1	1		38		L	4				
	ABO 1961,REV 1984																
*Assumption C, Christian, 13-14N, 1E																	
		1948	2590	76.2	10881.8	203	1	0	70							Ord	3070
	Benoist, Mis	1050	1949	590		47	0	0		36		S	13	A			
	Spar Mt., Mis	1170	1949	220		17	0	0		40		S	4	AL			
	Lingle, Dev	2300	1948	2430		141	1	0		38		L	8	AL			
Assumption S, Christian, 12N, 1E																	
	Lingle, Oev	2630	1951	60	0.5	27.0	4	1	0	2	39		L	15		Si1	2800
Ava-Campbell Hill +, Jackson, 7S, 3-4W																	
	Cypress, Mis	780	1916	140	0.0	25.0	16	0	0	0	36		S	18	A	Trn	3582
	ABO 1943, REV 1956, ABO 1957																
Baldwin, Randolph, 4S, 6W																	
	Silurian	1535	1954	30	0.2	15.2	3	0	0	1	32		L	x	R	Trn	2234
Bannister,Marion,2N,3E																	
	Aux Vases, Mis	2570	1973	10	0.0	8.6	1	0	0	0			S	5		Oev	4226
	ABO 1978																
*Barnhill, Wayne, White, 2-3S, 8-9E																	
		1939	3130	139.6	7181.4	267	8	0	145							Dev	5560
	Cypress, Mis	2962	1985	10		1	1	0				S	4	A			
	Aux Vases, Mis	3325	1943	1390		112	3	0	39		S	15	AL				
	Ohara, Mis	3370		1770		23	3	0			OL	6	AC				
	Spar Mt., Mis	3400		#		24	1	0			LS	9	AC				
	McClosky, Mis	3450	1939	#		89	0	0	38	0.17	OL	15	AC				
	St. Louis, Mis	3520		60		6	0	0	38		L	7	AC				
	Salem, Mis	3795		760		44	4	0	39		L	8	AC				
	Ullin, Mis	4215		30		3	0	0			L	11					
*Bartelso, Clinton, 1-2N, 3W																	
		1936	620	19.3	4379.4	117	1	2	42							Stp	4212
	Cypress, Mis	985	1936	420		76	0	1		36	0.20	S	15	D			
	Silurian	2420	1939	440		42	1	1		42	0.27	L	12	R			
*Bartelso E, Clinton, 1N, 3W																	
	Silurian	2550	1950	220	16.4	1008.2	24	3	0	19	42		L	7	R	Si1	2900

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Bartelso S, Clinton, 1N, 3W																	
	Oevonian	2475	1942	60	0.0	23.7	3	0	0	0	40	0.15	L	3	A	Oev	2652
				ABO 1962													
Bartelso W, Clinton, 1N, 3-4W																	
	Cypress, Mis	960	1945	290	0.9	111.8	22	0	0	11					A	Si1	2600
	Silurian	2439	1961	290			19	0	0		36		S	15	A		
				10			1	0	0		40		L	7	A		
*Beaucoup, Washington, 2S, 2W																	
	Clear Creek, Oev	3050	1951	280	0.0	389.6	14	0	0	10					A	Trn	4192
	Trenton, Ord	4095	1952	280			14	0	0		39		O	12	A		
				10			1	0	0		39		L	5	A		
*Beaucoup S, Washington, 2S, 2W																	
	Benoist, Mis	1430	1951	260	4.3	1099.0	22	0	0	12	35		S	9	AL	Ord	4170
*Beaver Creek, Bond, Clinton, 3-4N, 2-3W																	
	Benoist, Mis	1130	1942	180	4.1	318.3	17	0	0	4	34	0.25	S	6	A	Si1	2558
Beaver Creek N, Bond, 4N, 3W																	
	Benoist, Mis	1115	1949	80	0.0	0.7	6	0	0	0	24		S	4	A	Oev	2556
				ABO 1954, REV 1958, ABO 1964													
*Beaver Creek S +, Clinton, Bond, 3-4N, 2-3W																	
	Cypress, Mis	1005	1946	600	6.6	807.1	55	0	0	26	36		S	20	A	Si1	2606
	Bethel, Mis	1076	1974	20			2	0	0				S	7	A		
	Benoist, Mis	1140	1946	10			1	0	0		35		S	5	A		
				570			52	0	0				S				
Beckemeyer Gas +, Clinton, 2N, 3W																	
	Cypress, Mis	1070	1956	10	0.0	0.0	1	0	0	0			S	23		Si1	2730
				ABO 1958													
*Bellair, Crawford, Jasper, 8N, 14W																	
	Pennsylvanian	560	1907	2410	x	x	567	2	0	93			S	30	AM	Oev	2732
	Pennsylvanian	815		2200			315	0	0		29		S	x	AM		
	Mississippian	885		#			82	1	0		37		S	x	AM		
	Cypress, Mis	950		120			190	0	0		37		S	x	AM		
	Benoist, Mis	1000		440			9	0	0		36		S	4	AM		
	Renault, Mis	830		30			6	0	0		36		S	10	AM		
	Aux Vases, Mis	800		220			6	0	0		37		S	6	AM		
	Ohara, Mis	860		110			12	0	0		38		S	x	AM		
	McClosky, Mis	1436	1982	#			2	0	0		37		L	4	A		
	St. Louis, Mis	1654	1985	10			9	1	0				L	12			
	Carper, Mis	1748	1969	50			1	0	0				L	x			
				50			4	0	0				S	14			
				SEE CLARK COUNTY OEV. FOR PRODUCTION													
*Belle Prairie, Hamilton, 4S, 6-7E																	
	McClosky, Mis	3420	1940	300	4.1	1135.3	17	0	0	8	38	0.12	L	6	AC	Oev	5483
Belle Prairie W, Hamilton, 4S, 5E																	
	Salem, Mis	4120	1959	160	14.8	212.5	16	0	0	15						Oev	5445
	Ullin, Mis	4206	1959	130			12	0	0				L	10			
				50			5	0	0		37		L	6			
				ABO 1960, REV 1980													
Belle Rive, Jefferson, 3S, 4E																	
	Aux Vases, Mis	2980	1943	200	5.0	463.9	10	0	4	7						Oev	5200
	McClosky, Mis	3085	1943	110			1	0	0				S	10	AC		
	Salem, Mis	3838	1982	50			6	0	0		37	0.50	L	6			
	Ullin, Mis	3981	1980	20			3	0	3				L	7			
	Oevonian	4932	1980	20			3	0	1				L	4			
				20			2	0	1				L	14			
Belle Rive S W, Jefferson, 4S, 4E																	
	McClosky, Mis	3304	1982	10	0.5	6.2	1	0	0	1						Mis	4120
	Salem, Mis	3651	1982	10			1	0	0				L	6			
				10			1	0	0				L	11			

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Thick-ness	Struc-ture	Deepest test		
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-port-ed in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API	Sul-fur per-cent				Kind of rock	Zone	Depth (ft)
Bellmont, Wabash, 1S, 13-14W																	
	Bethel, Mis	2650	1951	30	0.0	73.0	4	0	0	0	38	S	7	M	Mis	3006	
	Ohara, Mis	2840	1951	10			1	0	0		40	L	7	ML			
				20			3	0	0					MC			
				ABO 1972													
*Beman, Lawrence, 3N, 11W																	
	Aux Vases, Mis	1805	1942	630	7.6	420.4	39	1	0	12	38	S	20	A	Oev	3410	
	Ste. Gen., Mis	1850	1942	100			8	0	0		38	L	7	AL			
				540			35	1	0					AC			
Beman E, Lawrence, 3N, 10W																	
	Aux Vases, Mis	1805	1947	130	0.2	118.5	9	0	0	2	38	S	20	A	Mis	2519	
	Ste. Gen., Mis	1860	1947	50			5	0	0		38	L	7	AL			
				110			6	0	0					AC			
				ABD 1960,REV 65,ABD 69,REV 80													
Bennington S, Edwards, 1N, 10E																	
	McClosky, Mis	3240	1944	10	0.0	10.4	1	0	0	0	37	L	8	MC	Mis	3420	
				ABO 1946													
*Benton, Franklin, 6S, 2-3E																	
	Pennsylvanian	1700	1941	2610	311.0	41488.0	283	2	0	50	33	S	9	AC	Trn	6250	
	Tar Springs, Mis	2100	1941	20			2	0	0		38	S	10	AL			
	Aux Vases, Mis	2752	1959	2360			249	0	0		38	S	15	AC			
	Ohara, Mis	2804	1959	460			30	1	0		38	S	15	A			
	Spar Mt., Mis	2770	1983	330			19	1	0			L	8	A			
	McClosky, Mis	2906	1960	#			1	0	0			S	16	A			
	St. Louis, Mis	2990	1960	#			7	0	0		37	OL	4	AC			
	Salem, Mis	3530	1984	10			2	1	0		38	L	6	A			
	Ullin, Mis	3705	1960	20			2	1	0		38	L	5	A			
				30			3	0	0			L	5	A			
*Benton N, Franklin, 5-6S, 2E																	
	Cypress, Mis	2460	1941	950	54.9	4314.7	92	1	0	11	38	S	17	A	Oev	4750	
	Paint Creek, Mis	2501	1944	100			14	0	0		38	S	8	A			
	Bethel, Mis	2600	1962	400			15	0	0		38	S	20	AL			
	Aux Vases, Mis	2685	1942	#			21	0	0		38 0.15	S	10	A			
	Ohara, Mis	2730		210			17	0	0		39 0.15	S	10	A			
	Spar Mt., Mis	2775	1941	510			13	0	0		38 0.70	L	8	A			
	McClosky, Mis	2800		#			11	0	0		36 0.15	S	6	A			
	St. Louis, Mis	3062	1979	#			20	0	0		34	L	10	A			
	Salem, Mis	3285	1984	60			6	1	0			L	10				
	Ullin, Mis	3640	1984	40			2	0	0			L	29				
				10			1	0	0			L	14				
*Berry, Sangamon, 15N, 3W																	
	Devonian	1743	1961	660	2.3	617.5	45	0	0	19	38	S	4		Sil	1964	
	Silurian	1736	1961	60			2	0	0		38	L	35				
				660			43	0	0								
*Berryville C,Wabash,Edwards,Richland,Lawrence,1-2N,14W																	
	Cypress, Mis	2680	1943	1060	42.8	1940.5	72	4	3	39		S	5	M	Mis	3921	
	Bethel, Mis	2771	1984	30			2	1	1			S	4				
	Ohara, Mis	2900	1983	10			2	0	0			L	6	MC			
	Spar Mt., Mis	2850	1943	790			16	2	1		39	L	12	MC			
	McClosky, Mis	2890	1947	#			15	0	0		36	L	10	MC			
	St. Louis, Mis	2960	1947	#			20	0	1			L	4				
	Salem, Mis	3370	1982	120			10	0	0			L	10				
	Ullin, Mis	3605	1975	100			7	1	0			L	10				
				20			2	0	0			L	10				
Bessie, Franklin, 6S, 3E																	
	Hardinsburg, Mis	2367	1900	390	173.6	1085.9	24	4	1	22		S	2		Oev	5042	
	Ohara, Mis	2895	1986	20			2	2	0		39 0.15	L	10	MC			
	St. Louis, Mis	3159	1943	10			1	0	0			L	26				
	Ullin, Mis	3825	1980	40			4	1	1			L	8				
			1979	340			18	1	0			L	6				
Black Branch, Sangamon, 15N, 4W																	
	Silurian	1600	1967	350	6.1	640.9	26	2	0	18	38	L	10	MU	Sil	1744	
Black Branch E +, Sangamon, 15N, 4W																	
	Silurian	1720	1969	10	0.0	2.8	1	0	0	0		L	20	MU	Sil	1755	
				ABD 1974													

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR-API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Blackland, Macon, Christian, 15N, 1E-1W																
	Silurian	1935 1953	430	4.2	530.7	46	0	0	6	39		L	12	MU	Ord	3780
Blackland N, Macon, 16N, 1E																
	Silurian	1948 1960	680	16.0	346.0	51	1	0	30	39		L	11	M	Sil	2164
Blackland S, Macon, Christian, 15N, 1W																
	Silurian	1986 1982	270	6.9	118.5	17	0	3	14			L	12		Sil	2160
Black River, White, 4S, 13W																
	Oegonia, Mis	1865 1952	210	15.8	297.8	17	0	0	13						Mis	3225
	Palestine, Mis	1944 1981	10			14	0	0		36		S	6			
	Renault, Mis	2816 1982	10			1	0	0				S	3			
	McClosky, Mis	2973 1980	10			1	0	0				S	8			
						1	0	0				OL	3			
	ABO 1974, REV 1978															
Blairsville W, Hamilton, 4S, 6-7E																
	Aux Vases, Mis	3250 1948	280	11.3	495.0	19	0	0	8					A	Oev	5605
	Spar Mt., Mis	3345	190			4	0	0					x			
	McClosky, Mis	3405 1951	#			1	0	0		37		L	6	AC		
	Salem, Mis	4170 1981	40			11	0	0				L	8	AC		
	Ullin, Mis	4340 1981	30			2	0	0				L	10			
						4	0	0				L	10			
Bluford, Jefferson, 2S, 4E																
	McClosky, Mis	3060 1961	30	0.9	166.0	2	0	0	1	38		OL	6		Mis	3833
Bogota, Jasper, 6N, 9E																
	Spar Mt., Mis	3090 1943	360	5.1	582.8	22	0	1	10					A	Mis	3486
	McClosky, Mis	3110 1943	#			5	0	1				L	4	AC		
						17	0	0		39		L	7	A		
Bogota N, Jasper, 6N, 9E																
	McClosky, Mis	3080 1949	20	0.0	0.0	2	0	0	1	37		L	3		Mis	3647
	ABO 1950, REV 1973															
Bogota S, Jasper, 5-6N, 9E																
	Spar Mt., Mis	3081 1944	400	4.6	568.3	30	0	3	6					MC	Mis	3787
	McClosky, Mis	3075 1944	80			5	0	2				L	5			
			320			25	0	1		37		L	8	MC		
Bogota W, Jasper, 6N, 9E																
	McClosky, Mis	3080 1966	120	49.6	67.3	8	4	0	7	37		0	6		Sil	4931
	ABO 1967, REV 1985															
*Bone Gap C, Edwards, 1S, 10-11E, 14W																
	Pennsylvanian	2110 1941	1810	31.5	2962.2	109	2	4	51					A	Mis	4251
	Waltersburg, Mis	2310 1951	10			1	0	0		32		S	8	AL		
	Cypress, Mis	2710 1947	180			18	1	0		35		S	20	A		
	Bethel, Mis	2880 1952	130			10	0	0		37		S	10	A		
	Aux Vases, Mis	3020 1947	180			12	0	0		39		S	14	AL		
	Ohara, Mis	3040 1948	230			14	0	1		36		S	9	AL		
	Spar Mt., Mis	3045 1947	1160			17	1	1		34		L	5	AC		
	McClosky, Mis	3200 1941	#			9	0	1		35		L	5	AC		
						31	0	1		38	0.33	L	6	AC		
Bone Gap E, Edwards, 1S, 14W																
	Ohara, Mis	2980 1951	190	3.0	141.6	15	0	0	11					M	Mis	4000
	McClosky, Mis	3050	70			6	0	0				L	10	MC		
	Salem, Mis	3555 1974	#			1	0	0		36		L	5	MC		
			120			9	0	0				L	4			
	ABD 1956, REV 1974															
Bone Gap W, Edwards, 1S, 10E																
	Ste. Gen., Mis	3290 1954	200	1.6	79.5	13	0	1	9	36		L	5		Mis	4151
	ABO 1975, REV 1964															
*Boulder +, Clinton, 2-3N, 2W																
	Benoist, Mis	1190 1941	580	0.0	8120.0	55	0	0	0					0	Trn	3813
			500			33	0	0		37		S	20	0		
	(Continued on next page)															

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Boulder +, Clinton, 2-3N, 2W				(Continued from previous page)													
	Geneva, Dev Silurian	2630 1941 2700 1963	470 40			22 1	0 0	0 0		28 40	0.33	D L	7 4	Rd R			
				ABD 1965													
Boulder E +, Clinton, 3N, 1W																	
	Devonian	2850 1955	80	6.2	207.6	7	0	0	5	39		L	5		Dev	2946	
*Bourbon C, Douglas, 15N, 7E																	
	Aux Vases, Mis Spar Mt., Mis McClosky, Mis Chouteau, Mis	1512 1956 1600 1980 1715 1956 2471 1976	1060 20 1050 # 10	3.1	1833.7	98 2 94 1 1	3 0 2 0 1	0 0 0 0 0	28			S LS L L	4 12 5 5		AC	Sil	2818
				ABD 67,REV 71,ABD 72,REV 81													
Bourbon S, Douglas, 15N, 7E																	
	Spar Mt., Mis	1693 1960	50	0.0	9.6	3	0	0	2	34		S	12	AC	Mis	1780	
				ABD 1964,REV 1976													
Bowyer, Richland, 5N, 14W																	
	Spar Mt., Mis McClosky, Mis	2883 1958 2876 1971	100 100 #	0.2	15.9	6 3 3	2 0 2	1 1 0	2	36		S L	x 5		Mis	2950	
				ABD 67,REV 71,ABD 72,REV 81													
*Boyd, Jefferson, 1S, 1-2E																	
	Benoist, Mis Aux Vases, Mis Ohara, Mis Trenton, Ord	2060 1944 2130 1944 2230 1945 5000 1967	1490 1450 660 30 90	7.6	15000.4	128 114 48 24 6	0 0 0 0 0	0 0 0 0 0	40	35 37 39	0.14	S S L	19 15 2 x	A A A AC	Trn	5400	
Brocton, Edgar, 15N, 14W																	
	Pennsylvanian	210 1984	10	0.2	D.3	1	0	0	1			S	5		Pen	769	
Brooklyn, Schuyler, 3N, 3W																	
	Devonian	460 1983	540	2.1	163.6	38	0	0	33			L	15	U	Ord	996	
Brooklyn N, McDonough, 4N, 3W																	
	Silurian	590 1984	10	D.3	2.4	1	0	0	1			L	38	U	Ord	1009	
Brooklyn NW, McDonogh,31,4N,3W																	
	Silurian	493 1984	10	D.0	0.0	1	0	0	1			L	3	U	Sil	650	
Broughton, Hamilton, 6S, 7E																	
	McClosky, Mis Salem, Mis Ullin, Mis	3275 1951 4024 1978 4190 1977	390 210 20 160	15.5	387.0	23 11 3 9	0 0 0 0	0 0 0 0	18	37		L L L L	5 35 10		Mis	4446	
				ABD 1954,REV 1977													
Broughton N, Hamilton, 6S, 7E																	
	Aux Vases, Mis	3214 1980	10	1.7	19.0	1	0	0	1			S			Mis	4330	
Broughton S, Saline, 7S, 7E																	
	Tar Springs, Mis McClosky, Mis	2315 1951 3215 1974	20 10 10	0.0	0.1	2 1 1	0 0 0	0 0 0	0			S L	7 4		Mis	3300	
				ABD 1952,REV 1974,ABD 1976													
*Brown, Marion, 1N, 1E																	
	Cypress, Mis	1670 1910	120	1.7	170.3	12	0	0	10	36		S	4	A	Mis	2036	
*Browns E, Wabash, 1-2S, 14W																	
	Pennsylvanian Cypress, Mis Spar Mt., Mis Salem, Mis	1844 1946 2570 1946 2950 1977 3420 1976	900 10 790 70 50	9.5	3011.5	80 1 75 3 5	2 0 2 0 0	0 0 0 0 0	19	32 36		S S S L	x 13 5 20		ML	Dev	5083

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Brubaker, Marion, 3N, 3E																
Spar Mt., Mis	2341	1973	190	32.0	487.2	13	0	0	9					R		5200
McClosky, Mis	2395	1975	60			2	0	0								
St. Louis, Mis	2550	1976	40			3	0	0								
Salem, Mis	2765	1974	20			2	0	0								
Devonian	3820	1973	70			4	0	0	34					Rd		
Buckhorn C, Brown, 1-2S, 3-4W																
Silurian	682	1961	2300	72.4	1538.4	194	4	1	180	37			D	3	U	Sil 722
Buckner, Franklin, 6S, 2E																
Aux Vases, Mis	2601	1963	240	7.1	250.0	17	0	3	11							Dev 4594
Ohara, Mis	2660	1984	220			16	0	2		38			S	12		
			10			2	0	1					L	3		
Bulpitt S, Christian, 13N, 3W																
Devonian	1911	1962	60	0.0	3.4	4	0	0	0	38			L	15		DvS 1990
ABO 1969																
*Bungay C, Hamilton, 4S, 7E																
Renault, Mis	3270	1941	3560	77.0	14914.5	278	2	2	85							Dev 5566
Aux Vases, Mis	3295	1941	560			23	0	0		39			S	10		
Ohara, Mis	3335		2990			213	2	0		39	0.24		S	15		
Spar Mt., Mis	3400	1943	420			6	0	0					L	8		
McClosky, Mis	3425	1943	#			4	0	1					L	8		
Ullin, Mis	4190	1959	10			21	0	1		36	0.24		L	8		
						1	0	0		38			L	10		
Burnt Prairie S, White, 4S, 9E																
Aux Vases, Mis	3330	1947	80	0.2	34.9	7	0	1	2							Mis 3600
Ohara, Mis	3415	1947	20			2	0	0		37			S	24		
McClosky, Mis	3460		70			1	0	1		38			L	6		
			#			4	0	1					L	4		
Burnt Prairie Sw, White, 4S, 8E																
Aux Vases, Mis	3336	1979	370	28.9	555.4	30	0	0	26							Mis 4405
Ohara, Mis	3436	1979	90			8	0	0					S	6		
Spar Mt., Mis	3451	1979	280			5	0	0					L	8		
McClosky, Mis	3513	1979	#			2	0	0					S	4		
						16	0	0					L	6		
Calhoun Cen, Richland, 2N, 10E																
Spar Mt., Mis	3245	1950	30	0.0	0.5	3	0	0	0							Mis 4107
McClosky, Mis	3280	1950	30			2	0	0					L	6		

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Calhoun S, Wayne, Richland, Edwards, 1-2N, 9E																	
	Aux Vases, Mis	3175 1953	710	19.3	817.2	45	3	0	20	38		L	5		Mis	4152	
	Ohara, Mis	3232 1963	30			7	0	0				L	8				
	Spar Mt., Mis	3224 1962	690			22	1	0				L	5				
	McClosky, Mis	3209 1961	#			26	2	0		37		OL	6				
			ABD 1953, REV 1961														
Carlinville +, Macoupin, 9N, 7W																	
	Pennsylvanian	380 1909	40	0.0	x	8	0	0	2	28		S	6	A	Mis	1380	
			ABD 1925, REV 1942														
Carlinville N +, Macoupin, 10N, 7W																	
	Pottsville, Penn	440 1941	100	0.0	1.9	20	0	0	4	20	0.35	S	10		Trn	1970	
			ABO 1954,REV 1982														
Carlinville S, Macoupin, 9N, 7W																	
	Pennsylvanian	539 1958	10	0.0	0.0	1	0	0	0	26		S	x		Pen	1020	
			ABO 1964														
*Carlyle, Clinton, 2N, 3W																	
	Golconda, Mis	900 1911	1330	23.4	4400.6	214	0	0	38			L	10	A	Stp	4120	
	Cypress, Mis	1035 1911	10			7	0	0		35	0.26	S	20	AL			
			1320			212	0	0		35		S					
Carlyle E, Clinton, 2N, 2W																	
	Benoist, Mis	1197 1963	30	0.0	1.5	2	0	0	0	34		S	4		Mis	1245	
			ABD 1972, REV 1978, ABO 1985														
*Carlyle N, Clinton, 3N, 3W																	
	Benoist, Mis	1150 1950	550	9.4	1025.9	46	0	0	31	34		S	6	AL	Oev	2558	
Carlyle S, Clinton, 1N, 3W																	
	Cypress, Mis	1075 1951	40	0.4	4.2	5	0	0	3	35		S	4		Mis	1194	
			ABO 1983,REV 1982														
*Carmi, White, 5S, 9E																	
	Pennsylvanian	1210 1940	350	4.2	425.8	28	2	0	8			S	10	M	Mis	3546	
	Cypress, Mis	2800	10			1	0	0		32		S	15	ML			
	Aux Vases, Mis	3145	150			11	0	0		38		S	8	ML			
	Spar Mt., Mis	3170 1984	90			8	2	0		37		S	3	ML			
	McClosky, Mis	3150 1940	120			1	0	0		35		OL	6	MC			
			#			8	0	0									
			ABO 1949, REV 1952														
*Carmi N, White, 5S, 9E																	
	Cypress, Mis	2940 1942	130	9.8	354.7	11	0	0	8			S	13	A	Mis	3452	
	Benoist, Mis	3080 1954	30			2	0	0		38		S	12	AF			
	Aux Vases, Mis	3270 1942	20			2	0	0		37		S	14	AF			
			100			8	0	0		36	0.14	S		AF			
*Casey, Clark, 10-11N, 14W																	
	Pennsylvanian	265 1906	3070	x	x	524	0	0	236			S	x	AM	Trn	2608	
	Pennsylvanian	300	2760			43	0	0		32		S	x	AM			
	Casey, Penn	445	#			95	0	0		30		S	x	AM			
	St. Louis, Mis	410	#			375	0	0		35		S	10	AM			
	Carper, Mis	1300	280			0	0	0		38		L	x	AM			
			21			0	0	0				S	50				
			SEE CLARK COUNTY DIV. FOR PRODUCTION														
*Centerville, White, 4S, 9E																	
	Aux Vases, Mis	3240 1940	260	5.8	576.7	19	0	0	6			S	6	A	Mis	4365	
	Ohara, Mis	3310 1953	20			2	0	0		37		S	10	AL			
	Spar Mt., Mis	3370	240			6	0	0		38		L	8	AC			
	McClosky, Mis	3370 1940	#			5	0	0		37	0.17	L	4	AC			
	Ullin, Mis	4120 1983	10			8	0	0				OL	21				
						1	0	0									
*Centerville E, White, 3-4S, 9-10E																	
	Palestine, Mis	2225 1941	1400	29.2	8729.1	148	3	1	71			S	3	A	Oev	5990	
	Tar Springs, Mis	2500 1950	20			2	0	0		35		S	24	ALF			
	Hardinsburg, Mis	2615 1950	820			35	0	0		38	0.20	S	22	ALF			
	Cypress, Mis	2915 1941	40			1	0	0		36		S	6	ALF			
	Bethel, Mis	2990 1942	660			49	0	0		37		S	20	ALF			
	Aux Vases, Mis	3075	220			20	0	0		38		S	21	ALF			
			530			39	0	0		37		S		ALF			
(Continued on next page)																	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil	Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure
*Centerville E, White, 3-4S, 9-10E															
(Continued from previous page)															
	Ohara, Mis	3175		420		8	1	1	36		OL	5	ACF		
	Spar Mt., Mis	3185		#		2	1	0			LS	6	ACF		
	McClosky, Mis	3230		#		21	3	0	37		OL	7	ACF		
	Salem, Mis	3998	1982	10		1	0	0			L	12			
Centerville N, White, 3S, 10E															
	Bethel, Mis	2990	1947	10	0.0	1	0	0	0 38		S	13	ML	Mis 3332	
				ABD 1948											
Centerville N E, White, 3S, 10E															
	Bethel, Mis	3055	1955	10	0.0	1	0	0	0 38		S	14		Mis 3407	
				ABD 1959	5.6										
*Central City, Marion, 1N, 1E															
	Pennsylvanian	826	1964	130	1.4	13	0	0	9 33		S	10		Mis 1942	
*Centralia, Clinton, Marion, 1-2N, 1E, 1W															
		1937	2980	84.8	58324.5	1022	0	4	208				A	Ord 4170	
	Petro, Penn	765	1958	30		4	0	0			S	x	A		
	Cypress, Mis	1200		1530		57	0	0	32		S	12	A		
	Benoist, Mis	1355	1937	2510		577	0	4	38 0.17		S	20	A		
	Devonian	2870	1939	2610		320	0	0	40 0.38		L	9	A		
	Trenton, Ord	3930	1940	1100		59	0	0	40		L	22	A		
Centralia W, Clinton, 1N, 1W															
		1940	90	0.6	426.1	10	0	0	1				A	Ord 3021	
	Cypress, Mis	1308	1960	10		1	0	0	35		S	4	A		
	Benoist, Mis	1440	1940	90		9	0	0	38 0.17		S	9	A		
Chesterville, Douglas, 15N, 7E															
	Spar Mt., Mis	1780	1956	50	0.4	5	0	0	1 39		LS	8	ML	Mis 1829	
*Chesterville E, Douglas, 14-15N, 7-8E															
	Spar Mt., Mis	1720	1957	400	0.0	41	0	0	0 39		S	10	AC	Mis 1785	
				ABD 1974	1164.4										
Christopher S, Franklin, 7S, 1E															
		1964	30	0.0	9.9	3	0	0	0					Mis 2820	
	Aux Vases, Mis	2620	1964	30		3	0	0	38		S	8			
	Ohara, Mis	2690	1964	10		1	0	0	37		L	10			
				ABD 1969											
Claremont+, Richland, 3N, 14W															
		1950	120	0.0	20.2	9	0	0	0					Mis 4065	
	Spar Mt., Mis	3200	1950	120		6	0	0			S	5			
	McClosky, Mis	3218	1969	#		3	0	0			L	4			
				ABD 1971											
Clark County Div, Clark, Coles, Crawford, Cumberland, Jasper															
		1900	27400	329.5	88899.4	6250	125	8	2006						
						INCLUDES BELLAIR CASEY JOHNSON N,S MARTINSVILLE, SIGGINS, WESTFIELD, YORK									
*Clarksburg, Shelby, 10N, 4E															
		1946	110	14.9	144.2	12	1	0	9					Ord 3206	
	Bethel, Mis	1779	1981	10		1	0	0			S	9			
	Aux Vases, Mis	1770	1946	100		11	1	0	36		S	6	A		
*Clay City C, Clay, Wayne, Richland, Jasper, 1-7N, 1-2S, 6-11E															
		1937	107880	2963.4	341378.9	7765	121	54	3052				A	PC 11614	
	Waltersburg, Mis	2175	1952	20		2	0	0	36		S	6	AL		
	Tar Springs, Mis	2560	1949	130		8	0	0	38		S	15	AL		
	Cypress, Mis	2635	1937	9180		659	9	3	36		S	15	AL		
	Bethel, Mis	2800		450		36	2	1	39		S	15	AL		
	Aux Vases, Mis	2940	1942	34600		2392	28	19	38		S	15	AL		
	Ohara, Mis	3020		73420		320	11	3	38		OL	5	AC		
	Spar Mt., Mis	3030		#		772	4	7	38		LS	8	AC		
	McClosky, Mis	3050	1937	#		3563	37	13	39		OL	10	AC		
	St. Louis, Mis	3025	1949	3870		327	7	2	38		L	3	A		
	Salem, Mis	3590	1950	12390		805	42	11	39		L	10	A		
	Ullin, Mis	3600	1952	660		55	7	0	40		L	17	A		
	Carper, Mis	3806	1979	80		5	0	0			S	6			
	Devonian	4350	1949	140		9	0	0	39		L	10	A		

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				Ouring 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Clear Lake E, Sangamon, 16N, 4W																	
	Silurian	1596 1970	40	0.3	26.3	2	0	0	1	25		L	12		Sil	1653	
Clifford, Williamson, 8S, 1E																	
		1957	40	0.0	15.0	2	0	0	0						Mis	2625	
	Aux Vases, Mis	2380 1957	40			2	0	0		38		S	7				
	Spar Mt., Mis	2470 1957	20			1	0	0				LS	7				
	McClosky, Mis	2540 1957	#			1	0	0		38		L	5				
	ABO 1965																
*Coil, Wayne, 1S, 5E																	
		1942	560	17.8	3360.0	40	0	0	25					A	Mis	3756	
	Aux Vases, Mis	2910 1942	380			26	0	0		39	0.12	S	10	A			
	Spar Mt., Mis	3018 1982	20			1	0	0				S	4				
	McClosky, Mis	3065 1942	#			1	0	0		38		OL	15	AC			
	St. Louis, Mis	3021 1967	100			6	0	0				L	9				
	Salem, Mis	3510 1977	100			9	0	0				L	14				
*Coil W, Jefferson, 1S, 4E																	
		1942	630	21.4	1450.5	57	0	0	26					A	Mis	3751	
	Aux Vases, Mis	2720 1944	180			15	0	0		39		S	15	AL			
	Ohara, Mis	2790 1942	230			11	0	0				L	7	AC			
	Spar Mt., Mis	2805	#			2	0	0				L	7	AC			
	McClosky, Mis	2880 1942	#			14	0	0	38			L	8	AC			
	St. Louis, Mis	3040 1967	160			15	0	0	39			L	7				
	Salem, Mis	3346 1961	280			20	0	0	37			L	10	A			
Collinsville, Madison, 3N, 8W																	
	Silurian	1305 1909	40	0.0	1.0	6	0	0	0	37		L	20	ML	Stp	2177	
	ABO 1921																
*Colmar-Plymouth, Hancock-McDonough, 4-5N, 4-5W																	
	Hoing, Oev	450 1914	2560	1.2	5150.7	512	0	0	75	35	0.38	S	14	AL	Shk	1095	
Comer, Macoupin, 10N, 8W																	
	Pennsylvanian	444 1982	10	0.0	0.0	1	0	1	0			S	8		Pen	524	
	ABO 1986																
*Concord C, White, 6S, 10E																	
		1942	2290	61.1	9030.6	213	2	2	88					A	Oev	5313	
	Tar Springs, Mis	2270 1943	350			26	0	0		36		S	11	AL			
	Hardinsburg, Mis	2510 1954	350			30	0	0		36		S	7	A			
	Cypress, Mis	2625 1944	270			19	0	0		37		S	10	AL			
	Aux Vases, Mis	2905 1942	710			53	1	0		36	0.15	S	14	AL			
	Ohara, Mis	2930 1943	1100			3	1	0				L	8	AC			
	Spar Mt., Mis	3035	#			4	1	0				L	8	AC			
	McClosky, Mis	2990	#			56	0	1	37			L	10	AC			
	St. Louis, Mis	3370 1976	250			18	0	1				L	7				
	Salem, Mis	3790 1981	10			1	0	0				L	8				
	Ullin, Mis	3900 1975	530			30	1	0				L					
*Concord E C, White, 6-7S, 10E																	
		1942	470	8.0	923.2	43	0	0	16					A	Mis	3223	
	Oegonia, Mis	1984	10			1	0	0				S	6				
	Waltersburg, Mis	2140	40			4	0	0		33		S	10	A			
	Tar Springs, Mis	2175	80			6	0	0		36		S	4	A			
	Cypress, Mis	2540	210			20	0	0		38		S	6	A			
	Renault, Mis	2800	20			2	0	0		36		L	6	A			
	Aux Vases, Mis	2825	70			7	0	0		36		S	12	A			
	Ohara, Mis	2895	120			3	0	0				L	6	AC			
	Spar Mt., Mis	2895	#			6	0	0				S	5	AC			
	McClosky, Mis	2965	#			4	0	0	37			L	2	AC			
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E																	
		1941	3230	7.1	3160.3	260	0	0	74					A	Trn	3840	
	Cypress, Mis	1600 1955	10			1	0	0		39		S	20	A			
	Aux Vases, Mis	1765 1941	10			2	0	0		37		S	15	A			
	Spar Mt., Mis	1800 1946	3170			253	0	0		37		S	9	A			
(Continued on next page)																	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Re-reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Cooks Mills C +, Coles, Douglas, 13-14N, 7-8E						(Continued from previous page)										
	McClosky, Mis	1840	1955	#			2	0	0				L	4	A	
	Osage, Mis	2285	1985	10			1	0	0				S	15		
	Carper, Mis	2700	1963	20			1	0	0		38		S	5		
	Devonian	2867	1963	40			5	0	0		37		L	3		
Cooperstown W, Brown, 1S, 2W																
	Silurian	598	1982	10	0.0	0.0	1	0	0	1			L		U	Sil 695
*Cordes, Washington, 3S, 3W																
	Benoist, Mis	1260	1939	1640	30.2	10499.1	156	0	0	33	36	0.19	S	14	A	Ord 3880
Cordes N, Washington, 2S, 3W																
	Devonian	2740	1983	10	0.0	0.0	1	0	0	1			L			Ord 3850
Cordes N E, Washington, 3S, 2W																
	Cypress, Mis	1200	1983	20	0.0	2.3	2	0	0	2						Mis 1207
	Benoist, Mis	1392	1985	10			1	0	0				S	9		
				10			1	0	0				S	3		
*Corinth, Williamson, 8S, 4E																
	Aux Vases, Mis	2885	1957	370	7.1	597.5	22	0	0	17						Ord 7250
	Ohara, Mis	2929	1957	320			19	0	0		38		S	10		
	Spar Mt., Mis	2929	1957	80			2	0	0		38		L	10		
	McClosky, Mis	2985	1957	#			2	0	0		38		L	10		
		3075	1984	#			1	0	0				OL	5		
Corinth E, Williamson, 8S, 4E																
	McClosky, Mis	3035	1957	10	0.0	10.6	1	0	0	0	38		L	10		Mis 3350
					ABD 1960											
Corinth N, Williamson, 8S, 4E																
	Aux Vases, Mis	2935	1957	10	0.0	3.7	1	0	0	0	36		S	16		Mis 3180
					ABD 1960											
Corinth S, Williamson, 9S, 4E																
	Cypress, Mis	2350	1972	10	0.2	9.4	1	0	0	1			S	8		Mis 2820
					ABD 1975											
Cottage Grove, Saline, 9S, 7E																
	Ohara, Mis	2770	1955	10	0.0	12.5	1	0	0	0	38		L	20		Mis 2977
					ABD 1963											
Coulterville N, Washington, 3S, 5W																
	Silurian	2290	1958	50	0.0	41.4	5	0	0	3	42		L	x	R	Ord 3204
*Covington S, Wayne, 2S, 6E																
	Ohara, Mis	3290	1984	730	13.4	640.4	33	1	4	14					AC	Oev 5300
	McClosky, Mis	3310	1943	640			2	0	2				L	6		
	St. Louis, Mis	3361	1962	#			27	1	2		36	0.18	L	5		AC
	Ullin, Mis	4148	1960	90			1	0	0		36		L	4		AC
							6	0	0		36		L	12		
Craig, Perry, 4S, 4W																
	Trenton, Ord	3650	1948	10	0.0	2.9	2	0	0	0	35		L	20	A	Ord 3750
					ABD 1951, REV 1965, ABD 1967											
Cravat, Jefferson, 1S, 1E																
	Benoist, Mis	2070	1939	120	0.2	388.7	11	0	0	6	34	0.23	S	10	A	Oev 3850

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Cravat W, Jefferson, 1S, 1E																	
	Pennsylvanian	1956	140	0.3	144.6	15	0	0	14							Mis	2390
	Bethel, Mis	1045 1956	130			14	0	0		32		S	10				
		2070 1960	10			1	0	0				S	10				
Crossville, White, 4S, 10E																	
	Bethel, Mis	1946	130	0.0	19.5	13	0	0	1							Mis	4135
	Aux Vases, Mis	2880 1948	40			3	0	0		38		S	9	ML			
	Ohara, Mis	3030 1956	30			3	0	0		37		S	20	ML			
	McClosky, Mis	3100	100			1	0	0				L	3	MC			
	Salem, Mis	3120 1946	#			5	0	0		38		L	5	MC			
		3640 1982	10			1	0	0				L	14				
				ABD 52, REV 56, ABD 58, REV 81													
*Crossville W, White, 4S, 10E																	
	Cypress, Mis	1952	300	4.1	403.1	28	1	0	11							Mis	4225
	Aux Vases, Mis	2810 1973	10			1	0	0				S	18				
	Ohara, Mis	3030 1952	160			11	0	0		37		S	8	ML			
	Spar Mt., Mis	3110 1958	160			1	0	0		37		L	8	M			
	McClosky, Mis	3150 1958	#			3	0	0				L	8	M			
	Salem, Mis	3185 1956	#			11	0	0		38		L	8	MC			
	Ullin, Mis	3985 1983	60			4	0	0				L	4				
		4110 1983	80			6	1	0				L	10				
				ABD 1953, REV 1956, ABD 1975, REV 1982													
Dahlgren, Hamilton, 3S, 5E																	
	McClosky, Mis	1941	620	1.0	1224.5	45	0	0	2							Dev	5299
	Ullin, Mis	3300 1941	620			44	0	0		37	0.16	L	11	A			
		4110 1956	10			1	0	0		39		L	15	A			
Dahlgren S, Hamilton, 4S, 5E																	
	Salem, Mis	1982	20	1.2	9.7	2	0	0	2							Mis	4366
	Ullin, Mis	3836 1982	10			1	0	0				L	17				
		4258 1982	10			1	0	0				L	13				
Dahlgren S W, Jefferson, 4S, 4E																	
	Ullin, Mis	4200 1983	10	0.0	0.5	1	0	1	0			L	16			Mis	4585
				ABD 1986													
Dahlgren W, Jefferson, 4S, 4E																	
	Ullin, Mis	4019 1960	30	0.0	32.3	3	0	0	0	38		L	6			Dev	5245
				ABD 1966, REV 1980, ABD 1985													
*Dale C, Franklin, Hamilton, Saline, 5-7S, 4-7E																	
	Tar Springs, Mis	1940	19420	300.5	102425.6	1764	9	5	256							PC	13051
	Hardinsburg, Mis	2430 1943	480			41	0	0		36		S	25	A			
	Cypress, Mis	2480	120			12	0	0		38		S	10	A			
	Bethel, Mis	2700 1940	1580			127	0	0		39		S	15	A			
	Renault, Mis	2975	3480			286	0	0		38	0.19	S	18	A			
	Aux Vases, Mis	3245 1984	10			1	0	0				S	6				
	Ohara, Mis	3150 1945	17180			1351	4	3		37	0.15	S	20	A			
	Spar Mt., Mis	3110	4090			114	0	1		38	0.22	L	10	A			
	McClosky, Mis	3130	#			16	0	0		38		LS	7	A			
	St. Louis, Mis	3150 1940	#			164	0	1		36	0.19	L	7	A			
	Salem, Mis	3163 1965	290			27	1	0		39		L	x				
	Ullin, Mis	3991 1980	670			44	2	0				L	6				
		4168 1978	330			23	2	0				L	10				
Dawson, Sangamon, 16N, 3W																	
	Silurian	1636 1971	240	7.7	229.5	17	0	2	14			L	10	MU	Sil	1800	
				ABD 1972, REV 1982													
Decatur, Macon, 16-17N, 2E																	
	Silurian	2000 1953	240	0.3	16.8	18	0	1	11	37		L	7	MU	Ord	2800	
				ABD 1959, REV 1983													
Decatur N, Macon, 17N, 3E																	
	Silurian	2200 1954	10	0.0	0.1	1	0	0	0	38		L	10	MU	Sil	2240	
				ABD 1955													
*Deering City, Franklin, 7S, 3E																	
	Aux Vases, Mis	1957	130	3.5	347.3	10	0	0	8							Dev	5000
	Ohara, Mis	2810 1957	80			6	0	0		38		S	20				
	McClosky, Mis	2851 1985	40			1	0	0				S	4				
	Ullin, Mis	2913 1963	30			2	0	0		34		OL					
		3748 1985	10			1	0	0				L	13				

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Deering City E, Franklin, 7S, 3E																	
	McClosky, Mis	2965	1974	10	1.8	18.5	1	0	0	1			L	7		Mis	3117
Deland, Piatt, 19N, 5E																	
	Silurian	1225	1981	60	0.6	7.6	4	0	0	4			L	4		Sil	1255
Oivernon, Sangamon, 13N, 5W																	
	Silurian	1643	1982	340	6.8	183.3	18	0	0	17			L		U	Ord	2200
*Oivide C, Jefferson, 1S, 3-4E																	
	Aux Vases, Mis	2620	1943	5420	286.7	12693.1	375	16	3	202			S	10	A	Dev	4700
	Ohara, Mis	2700	1947	170			11	0	0		38		L	10	AL		
	Spar Mt., Mis	2700	1944	2870			8	0	0				L	10	AC		
	McClosky, Mis	2750	1945	#			24	4	0		38		LS	6	A		
	St. Louis, Mis	2750	1943	#			177	8	2		37	0.21	L	6	AC		
	Salem, Mis	2840	1955	450			45	4	1		37		L	7	AC		
	Ullin, Mis	3190	1960	2770			181	9	1		37		L	10	AC		
		3502	1981	10			1	0	0				L	10			
Divide S, Jefferson, 2S, 3-4E																	
	McClosky, Mis	2880	1948	310	0.0	498.9	17	0	0	2						Mis	3935
	St. Louis, Mis	2990	1948	300			16	0	0		37		L	5			
			1984	10			1	0	0				L	8			
Oix S, Jefferson, 1S, 2E																	
	Benoist, Mis	1950	1941	230	66.6	136.5	20	4	0	18			S	8	A	Mis	5036
	Renault, Mis	2049	1941	20			2	0	0		35		S	4	A		
	Spar Mt., Mis	2144	1985	20			2	0	0				S	4			
	McClosky, Mis	2253	1985	120			5	2	0				S	8			
	Salem, Mis	2438	1985	#			5	2	0				L	10			
				80			7	0	0				L	10			
				ABO 1946, REV 1985													
*Oollville, Shelby, 12N, 2E																	
	Bethel, Mis	1509	1961	310	30.8	110.4	20	2	0	16	37		S	4		Mis	1800
Dubois Cen, Washington, 3S, 1W																	
	Benoist, Mis	1335	1954	140	4.0	287.7	13	1	0	7			S	12		Dev	3100
	Spar Mt., Mis	1530	1955	110			12	0	0		30		S	8			
			1954	80			4	1	0		35		L	8			
*Oubois C, Washington, 3S, 1-2W																	
	Cypress, Mis	1230	1939	1570	28.8	2607.4	132	0	0	88			S	10	A	Knox	5504
	Benoist, Mis	1325	1947	500			44	0	0		37		S	10	AL		
			1939	490			43	0	0		30	0.26	S	10	AL		
Oubois S, Perry, 4S, 1W																	
	Benoist, Mis	1310	1984	40	2.0	4.5	4	2	0	4			S	2		Mis	1319
*Oudley, Edgar, 13-14N, 13W																	
	Upper Oudley, Penn	310	1948	900	57.9	2844.3	129	0	0	113			S	20	M	Stp	2997
	Lower Oudley, Penn	410		900			24	0	0		25		S	50	ML		
				#			105	0	0		24		S		ML		
Oudleyville E, Bond, 4-5N, 2-3W																	
	Devonian	2370	1954	20	0.0	2.8	2	0	0	0	37		L	5		Ord	3397
				ABO 1961													
Dupo, St. Clair, 1N, 1S, 10W																	
	Trenton, Ord	700	1928	960	16.8	3058.9	326	0	0	28	33	0.70	L	50	A	Cam	3111
Eagarville E, Macoupin, 8N, 6W																	
	Pennsylvanian	621	1980	60	0.4	15.5	4	0	0	4			S	7		Trn	745
Eberle, Effingham, 6N, 6E																	
			1947	200	0.4	152.4	15	0	0	4					A	Mis	2882
(Continued on next page)																	

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test			
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent			Kind of rock	Thickness	Structure
Eberle, Effingham, 6N, 6E																
	Cypress, Mis	2475	1947	110			9	0	0		37		S	10	AL	
	Spar Mt., Mis	2680		110			2	0	0				LS	5	AC	
	McClosky, Mis	2820	1947	#			4	0	0		38		L	7	A	
ABD 1967, REV 1973																
Edinburg, Christian, 14N, 3W																
	Lingle, Oev	1810	1949	10	0.0	2.3	1	0	0	0	38		LS	2	A	Oev 1853
ABD 1951																
Edinburg S, Christian, 14N, 3W																
	Hibbard, Dev	1795	1955	40	0.6	21.9	4	0	0	2	39		LS	13	C	Sil 1902
ABD 1963, REV 1983																
*Edinburg W, Christian, Sangamon, 14N, 3-4W																
	Devonian	1954		2120	20.6	3288.1	153	0	0	91					A	Ord 2285
	Silurian	1660	1954	270			24	0	0		41		S	6	A	
		1690	1954	1880			131	0	0		41		L	8	A	
Elba, Gallatin, 8S, 8E																
	Cypress, Mis	1955		250	1.5	47.7	15	0	0	2						Mis 3000
	Bethel, Mis	2617	1958	10			1	0	0		37		S			
	Renault, Mis	2660	1955	80			3	0	0		36		S	10		
	Aux Vases, Mis	2770		10			1	0	0		36		L	3		
	Ohara, Mis	2780		120			5	0	0		38		S	5		
		2820	1955	80			5	0	0		38		L	11		
ABD 1960, REV 1980																
*Elbridge, Edgar, 12-13N, 11W																
	Pennsylvanian	1949		440	4.2	15463.1	40	0	0	19					Rd	Trn 3300
	Fredonia, Mis	760	1950	10			2	0	0		30		S	3	Rd	
	Devonian	950	1949	430			37	0	0		35		L	3	Rd	
		1950	1949	20			2	0	0		37		L	20	Rd	
*Eldorado C +, Saline, 8S, 6-7E																
	Degonia, Mis	1941		3940	58.5	12508.7	319	5	0	116					A	Mis 4004
	Palestine, Mis	1700	1976	40			3	0	0				S	16		
	Waltersburg, Mis	1920	1950	500			34	1	0		36		S	20	AL	
	Tar Springs, Mis	2125	1954	1960			147	0	0		38		S	25	AL	
	Hardinsburg, Mis	2200	1955	280			19	0	0		37		S	15	AL	
	Cypress, Mis	2350	1953	300			30	0	0		38		S	8	AL	
	Sample, Mis	2575	1954	300			22	0	0		37		S	8	AL	
	Benoist, Mis	2680	1954	70			6	0	0		37		S	18	AL	
	Aux Vases, Mis	2778	1962	#			2	1	0				S	10		
	Ohara, Mis	2900	1954	1110			80	4	0		37		S	12	AL	
	Spar Mt., Mis	2900		100			3	0	0				L	5	AC	
	McClosky, Mis	2975	1941	#			2	0	0		39	0.14	LS	5	AC	
*Eldorado E +, Saline, Gallatin, 8S, 7-8E																
	Pennsylvanian	1953		640	8.4	477.9	46	3	0	20					A	Mis 4183
	Palestine, Mis	530	1981	80			6	3	0				S	8		
	Tar Springs, Mis	1915	1954	30			2	0	0		36		S	10	AL	
	Cypress, Mis	2190	1954	40			3	0	0		35		S	10	AL	
	Aux Vases, Mis	2515	1954	170			11	0	0		37		S	20	AL	
	Ohara, Mis	2885	1953	350			21	0	0		38		S	6	AL	
	Spar Mt., Mis	2918	1982	40			1	0	0				L	4		
	McClosky, Mis	2975	1954	#			1	0	0		38		L	4	AC	
		2990	1984	#			2	0	0				OL	4		
Eldorado W +, Saline, 8S, 6E																
	Palestine, Mis	1955		350	17.1	313.2	27	0	0	21						Mis 3165
	Renault, Mis	1940	1956	80			8	0	0		30		S	18		
	Aux Vases, Mis	2910	1955	30			3	0	0		37		L	6		
	Ohara, Mis	2960	1955	150			11	0	0		38		L	6		
	Spar Mt., Mis	2966	1982	150			3	0	0				L	4		
	McClosky, Mis	2994	1982	#			3	0	0				S	13		
		3031	1982	#			2	0	0				L	10		
Elk Prairie, Jefferson, 4S, 2E																
	Spar Mt., Mis	1938		230	227.6	636.0	16	9	0	14						Oev 4600
	McClosky, Mis	2775	1984	230			12	8	0				S	5		
	Salem, Mis	2735	1938	#			4	1	0		37		L	7		
		3076	1960	10			1	0	0		37		L	8		
ABO 40, REV 60, ABO 70, REV 81																

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API	Sul-fur per-cent	Kind of rock	Thi-ck-ness	Str-uct-ure	Zone	Depth (ft)	
																	Name and age
Elkton, Washington, 2S, 4W																	
	Bailey, Oev	2340	1955	40	0.0	2.6	2	0	0	0	40		D	3D	U	Dev	2485
				ABD 1960													
Elkton N, Washington, 2S, 4W																	
	Hardin, Dev	2320	1971	160	1.9	88.1	9	0	0	9			S	7		Ord	3275
Elkville, Jackson, 7S, 1W																	
	Benoist, Mis	20DD	1941	10	0.0	4.0	1	0	0	1	36	D.22	S	10		Si1	3914
*Ellery E, Edwards, 2S, 1DE																	
	Aux Vases, Mis	318D	1953	480	4.6	1068.6	40	0	0	10						Mis	4400
	Ohara, Mis	3255	1952	26D			25	D	D		36		S	35		ML	
	Spar Mt., Mis	3255		300			11	0	0		37		L	6		MC	
	McClosky, Mis	3260	1978	#			4	0	0				L	4		MC	
	Ullin, Mis	4218	1979	10			1	0	0				L	6			
Ellery N, Edwards, Wayne, 2S, 9-10E																	
	Bethel, Mis	3100	1942	160	2.1	118.7	12	D	0	6			S	35		M	Dev
	Aux Vases, Mis	323D	1954	20			2	0	0				S	12		ML	
	Ohara, Mis	3300	1972	20			2	0	D				S	4		ML	
	Spar Mt., Mis	3345		130			4	0	0				L	4			
	McClosky, Mis	3420	1942	#			4	0	0				S	8		ML	
	St. Louis, Mis	3438		#			2	0	0	37	0.19		L	7		MC	
				10			1	0	0				L	6			
				ABD 1943, REV AND ABO 1951, REV 1954													
Ellery S, Edwards, 2-3S, 10E																	
	Aux Vases, Mis	32DD	1943	250	11.1	232.9	21	1	1	8			S	15		M	Mis
	Spar Mt., Mis	3316	1947	50			7	0	0	36			S	3		ML	
	McClosky, Mis	3300	1985	1D			1	1	0				S	3			
	Ullin, Mis	4156	1943	18D			14	1	1	38			L	9		MC	
				10			1	0	0				L	10			
				ABO 1952, REV 53, ABD 59, REV & ABO 60, REV 78													
Elliottstown, Effingham, 7N, 7E																	
	Spar Mt., Mis	2730	1947	10	0.0	13.7	1	0	0	0	39		S	8	HL	Mis	2884
				ABD 1951													
Elliottstown E, Effingham, 7N, 7E																	
	Cypress, Mis	2485	1954	90	1.2	143.9	7	0	0	1			S	5	HL	Mis	3292
	Spar Mt., Mis	2750	1954	10			1	0	0	35			S	10			
	McClosky, Mis	2771	1962	80			3	0	0				L	8			
				#			3	D	0	37			L				
				ABD 1956, REV 1962													
*Elliottstown N, Effingham, 7N, 7E																	
	Cypress, Mis	2430	1953	310	0.0	271.2	19	0	0	0			S	4	HL	Mis	3350
	Aux Vases, Mis	2710	1953	20			2	0	0	36			S	2			
	Spar Mt., Mis	2666	1966	10			1	0	D	37			S	3			
	McClosky, Mis	2738	1964	270			12	0	0				L	3			
				#			14	0	0	37			OL	17			
				ABD 1958,REV 1964,ABD 1985													
*Energy,Williamson,9S,2E																	
	Aux Vases, Mis	2															

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Enfield S, White, 6S, 8E																	
		1961	70	5.0	22.6	7	0	0	5							Mis	4404
	Aux Vases, Mis	3174 1961	50			4	0	0		39		S	2				
	Spar Mt., Mis	3265	10			1	0	0				S	5				
	McClosky, Mis	3277 1961	50			4	0	0	38			L	6				
			ABD 1963,REV 1980														
Erwin, Schuyler, 2N, 3W																	
	Silurian	415 1983	50	0.5	1.0	3	2	0	3			L	9			Ord	920
Evers, Effingham, 8N, 7E																	
		1948	80	0.5	132.8	6	0	0	2	39						Ord	5370
	Spar Mt., Mis	2610 1948	70			3	0	0				L	7	A			
	McClosky, Mis	2660 1948	10			2	0	0				L	4	AL			
	Salem, Mis	3126 1975	10			1	0	0				L	4	AC			
			ABD 1949, REV 1953														
Evers S, Effingham, 7N, 7E																	
	Spar Mt., Mis	2650 1948	10	0.0	2.4	1	0	0	0	38		LS	8	AC	Mis	2783	
			ABD 1951														
Ewing, Franklin, 5S, 3E																	
		1944	220	0.9	552.0	12	0	0	2							Mis	3951
	Aux Vases, Mis	2835 1947	40			3	0	0		38		S	8	A			
	Spar Mt., Mis	2950 1981	10			1	0	0				S	10	AL			
	McClosky, Mis	2970 1944	10			7	0	0	36			L	7	A			
	St. Louis, Mis	3170 1981	10			1	0	0				L	5				
	Ullin, Mis	3790 1981	40			1	0	0				L	6				
			ABD 1971,REV 1976														
Ewing E, Franklin, 5S, 3E																	
		1956	560	101.0	1011.3	43	5	0	38							Ord	9511
	Ohara, Mis	3010 1956	10			1	0	0		38		L	10				
	St. Louis, Mis	3265 1976	60			5	1	0				L	8				
	Salem, Mis	3546 1978	60			6	2	0				L	14				
	Ullin, Mis	3880 1976	590			34	3	0				L	6				
Exchange, Marion, 1N, 3E																	
		1943	780	29.6	507.1	54	0	0	46							Sil	4908
	Ohara, Mis	2695 1943	60			23	0	0		37		L	10	M			
	Spar Mt., Mis	2715 1983	10			1	0	0				S	5	MC			
	McClosky, Mis	2730 1943	10			4	0	0	37			L	8	MC			
	St. Louis, Mis	2951 1978	620			16	0	0				L	5				
	Salem, Mis	3171 1975	220			19	0	0				L	15				
			ABD 1967,REV 1975														
*Exchange E, Marion, 1N, 4E																	
		1955	280	1.4	583.7	21	0	1	5							Oev	4644
	Ohara, Mis	2775 1955	230			1	0	0				L	14				
	Spar Mt., Mis	2780	10			8	0	0	37			S	11				
	McClosky, Mis	2840 1955	10			6	0	1				L	4				
	St. Louis, Mis	2940 1955	20			2	0	0	38			L	8				
	Salem, Mis	3310 1982	30			3	0	0				L	10				
*Exchange N C, Marion, 1N, 3-4E																	
		1951	430	11.7	950.1	39	0	0	27							Sil	4900
	Spar Mt., Mis	2682 1967	330			6	0	0				L	3	MC			
	McClosky, Mis	2763 1951	10			25	0	0	37			L	6	MC			
	St. Louis, Mis	2946 1972	40			5	0	0				L	6				
	Salem, Mis	3080 1967	100			9	0	0	37			L	11	MC			
			ABD 1952, REV 1955, ABD 1959, REV 1965														
*Exchange W, Marion, 1N, 3E																	
		1957	320	5.8	306.7	26	0	0	8							Mis	3309
	Ohara, Mis	2540 1966	230			1	0	0				L	7				
	Spar Mt., Mis	2570 1966	10			10	0	0				S	6				
	McClosky, Mis	2650 1957	10			11	0	0	37			L	6				
	St. Louis, Mis	2720 1967	160			9	0	0	38			L	11				
	Salem, Mis	2860 1983	30			1	0	0				L	4				
*Fairman, Marion, Clinton, 3N, 1E, 1W																	
		1939	610	7.4	2175.5	62	0	0	19							Ord	4100
	Benoist, Mis	1435 1939	480			44	0	0		38	0.27	S	10	A			
	Trenton, Ord	3950 1957	300			19	0	0		40		L	20	A			

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Fancher, Shelby, 10N, 4E																
	Benoist, Mis	1749 1962	10	0.0	0.0	1	0	0	0	34		S	3		Mis	1889
			ABO 1962													
Fayetteville, St Clair, 2S, 6W																
	Cypress, Mis	540 1984	10	0.0	0.0	1	0	1	0			S	8		Mis	605
			ABO 1986													
Fehrer Lake, Gallatin, 9S, 10E																
	Aux Vases, Mis	2672 1963	10	0.0	4.7	1	0	0	0	36		L	8		Mis	2862
			ABD 1966													
Ferrin, Clinton, 2N, 1W																
	Devonian	1976	10	0.0	0.0	1	0	0	0						Ord	3956
	Trenton, Ord	2840 1976	10			1	0	0				L	7			
		3930 1976	10			1	0	0				L	18			
			ABD 1980													
Ficklin, Oouglas, 16N, 8E																
	Spar Mt., Mis	1470 1969	70	0.0	38.8	5	0	0	5			S	8		Cam	5301
Fitzgerrell, Jefferson, 4S, 1E																
	Benoist, Mis	1944	10	0.0	16.0	1	0	0	0						Mis	3012
	Aux Vases, Mis	2760 1944	10			1	0	0		37		S	5			
		2800	10			1	0	0		37		S				
			ABD 1952													
*Flora S, Clay, 2N, 6E																
	Spar Mt., Mis	1946	320	41.8	431.2	21	1	0	16						Dev	4900
	McClosky, Mis	2962 1982	270			6	1	0				S	8			
	St. Louis, Mis	2985 1946	#			9	0	0	39			L	4	AC		
	Salem, Mis	3300 1983	70			5	0	0				L	4			
	Ullin, Mis	3493 1982	60			5	0	0				L	7			
		3698 1982	10			1	0	0				L	9			
			ABD 1961,REV 1982													
Flora Se, Clay, 2N, 6E																
	McClosky, Mis	3073 1972	100	3.0	77.2	8	0	0	7			L	5		Dev	5030
Forsyth, Macon, 17N, 2E																
	Silurian	2118 1963	1200	31.4	409.4	84	1	0	74	38		L	14		Ord	2890
Francis Mills, Saline, 7S, 7E																
	Tar Springs, Mis	1952	30	3.2	104.6	3	1	0	3						Mis	3238
	Cypress, Mis	2258 1985	10			1	1	0				S	2			
		2675 1952	20			2	0	0	36			S	5			
Francis Mills S, Saline, 7S 7E																
	Ohara, Mis	1955	20	0.0	5.6	2	0	0	0						Mis	3180
	Spar Mt., Mis	3010 1955	20			2	0	0				L	11			
		3042 1962	#			1	0	0	37			L	6			
			ABO 1957, REV AND ABD 1962													
Freeburg +, St. Clair, 1-2S, 7W (Now Freeburg Gas Storage Project)																
	Cypress, Mis	380 1955	20	0.0	0.0	2	0	0	0	30		S	30	C	Ord	2008
			NOW FREEBURG GAS STORAGE PROJECT													
Freemanspur, Williamson, 8S, 2E																
	Aux Vases, Mis	2500 1968	60	0.0	4.0	3	0	0	0			S	13		Mis	2779
			ABD 1971,REV 1975,ABD 1979													
Friendsville Cen, Wabash, 1N, 13W																
	Bethel, Mis	1946	230	0.6	178.2	17	0	0	6						Mis	3400
	Aux Vases, Mis	2330 1946	50			5	0	0	35			S	15	MC		
	Ohara, Mis	2585 1980	10			1	0	0				S	5			
	Spar Mt., Mis	2597 1972	180			8	0	0				L	8			
	McClosky, Mis	2629 1972	#			3	0	0				S	4			
		2656 1980	#			1	0	0				OL	3			
			ABO 1956,REV 1972													
*Friendsville N, Wabash, 1N, 12-13W																
	Bieh1, Penn	1946	340	2.9	298.9	33	1	1	13						Mis	3221
	Bethel, Mis	1620 1946	220			21	0	0		34		S	12	MC		
		2308 1959	20			2	0	0		35		S	11	MC		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test			
				Ouring 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API	Sul-fur-per-cent	Kind of rock	Thi-ck-ness	Str-uct-ure	Zone	Depth (ft)	
*Friendsville N, Wabash, 1N, 12-13W																	
(Continued from previous page)																	
	Ohara, Mis	2485	1984	100			6	0	0				L	5			
	Spar Mt., Mis	2555	1984	#			1	0	1				S	6			
	McClosky, Mis	2500	1984	#			3	1	0				OL	3			
Frogtown, Clinton, 2N, 3-4W																	
	Cypress, Mis	950	1918	90	0.0	x	14	0	0	0	32		S		ML	Trn	3290
							ABD 1933, REV 1949, ABO 1956										
*Frogtown N, Clinton, 2-3N, 3-4W																	
	St. Louis, Mis	1200	1951	440	8.6	2189.0	37	0	0	21			L	10	R	Sil	2456
	Devonian	2210	1951	60			5	0	0		35		L	8	Rd		
	Silurian	2240	1951	410		x	11	0	0		35		L		Rd		
				x			32	0	0				L		R		
Galatia N, Saline, 7S, 5E																	
	Aux Vases, Mis	3216	1980	60	4.5	61.5	4	0	0	4			S			Mis	4544
	Spar Mt., Mis	3391	1980	50			3	0	0				S	5			
				10			1	0	0				S	6			
**Gards Point C, Wabash, 1N, 14W																	
	Ohara, Mis	2870	1951	1340	32.7	1338.6	79	0	0	57			L	6	MC	Mis	4205
	Spar Mt., Mis	2880	1951	1000			56	0	0	40			L	6			
	McClosky, Mis	2905	1976	#			1	0	0				S	6			
	Salem, Mis	3375	1980	390			2	0	0				OL	4			
	Ullin, Mis	3698	1975	10			25	0	0				L	8			
							1	0	0				L	8			
Gays, Moultrie, 12N, 6E																	
	Aux Vases, Mis	1970	1946	100	4.4	127.0	8	0	1	2			S		M	Oev	3305
	Carper, Mis	2963	1963	80			5	0	0		36		S	5	ML		
	Devonian	3205	1955	20			2	0	1		37		S	16			
				30			2	0	0		38		L	3	MC		
							ABD 1950, REV 1955										
*Germantown E, Clinton, 1-2N, 4W																	
	Silurian	2350	1956	520	10.2	2077.7	35	0	0	30	40		L	30	R	Trn	3310
*Gila, Jasper, 7-8N, 9E																	
	McClosky, Mis	2850	1957	510	0.0	1052.9	35	0	0	2	39		OL	3	MC	Sil	4500
Gillespie-Wyen, Macoupin, 8N, 6W																	
	Pennsylvanian	650	1915	90	1.6	x	25	0	0	4	28		S		T	Ord	2560
Glenarm, Sangamon, 14N, 5W																	
	Silurian	1680	1955	130	0.0	61.1	9	0	0	1	40		L	9	MU	Sil	1821
							ABO 1957, REV 1959, ABD 1960, REV 1961										
*Goldengate C, Wayne, White, Edwards, 2-4S, 9-10E																	
	Cypress, Mis	2942	1939	9240	256.5	19757.8	692	22	2	326			S		A	Dev	5522
	Bethel, Mis	3110	1951	100			5	0	0		36		S	8	A		
	Aux Vases, Mis	3180	1944	390			24	1	0		37		S	11	HL		
	Ohara, Mis	3250	1943	4100			232	8	0	0.14	40		S	15	AL		
	Spar Mt., Mis	3275		6020			82	0	0		39		OL	6	AC		
	McClosky, Mis	3310	1939	#			116	2	0		38		LS	7	AC		
	St. Louis, Mis	3430	1952	90			230	8	2	0.19	36		OL	7	AC		
	Salem, Mis	4130	1975	480			7	0	0		40		L	10	HL		
	Ullin, Mis	4125	1961	480			34	1	0				L	30			
	Outch Creek, Oev	5346	1961	360			31	3	0		39		L	9	A		
							17	0	0		39		S	10	A		
Goldengate E, Wayne, 3S, 9E																	
	Ohara, Mis	3290	1951	80	4.8	51.0	6	0	0	4			L			Mis	4290
	Spar Mt., Mis	3340	1976	80			2	0	0		37		L	3			
	McClosky, Mis	3360	1984	#			1	0	0				S	4			
							3	0	0				OL	5			
							ABD 1957, REV 1968										
*Goldengate N C, Wayne, 1-2S, 8-9E																	
	Bethel, Mis	3095	1945	1660	67.7	1241.1	124	8	0	101			S		M	Mis	4750
	Renault, Mis	3220	1952	10			2	0	0		38		S	3	ML		
	Aux Vases, Mis	3235	1948	10			1	0	0				S	36			
				710			59	3	0		39		S	25	ML		
(Continued on next page)																	

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Goldengate N C, Wayne, 1-2S, 8-9E																
						(Continued from previous page)										
	Ohara, Mis	3300	1945	1170		20	0	0		37		L	4	MC		
	Spar Mt., Mis	3325	1945	#		34	1	0		37		L	5	MC		
	McClosky, Mis	3350		#		43	4	0		39		L	6	MC		
	Salem, Mis	4010	1983	50		4	2	0				L	8			
	Ullin, Mis	4315	1984	40		3	1	0				L	7			
Grandview +, Edgar, 12-13N, 13W																
	Pennsylvanian	560	1945	100	0.3	10.3	10	0	0	8	30	S	10	M	Ord	2694
Grantfork, Madison, 5N, 5W																
	Devonian	2000	1984	10	0.3	2.2	1	0	0	1		L	6		Sil	2400
Grayson, Saline, 8S, 7E																
	Tar Springs, Mis	2200	1957	90	1.3	35.6	8	0	0	4					Mis	3051
	Cypress, Mis	2515	1983	10			1	0	0			S	14			
	Aux Vases, Mis	2515	1957	30			2	0	0	37		S	6			
	Spar Mt., Mis	2913	1961	10			1	0	0	38		L	4			
	McClosky, Mis	2920	1981	50			1	0	0	37		S	6			
		2920	1957	#			3	0	0			L	6			
ABO 1972,REV 1981																
Greenville Gas +, Bond, 5N, 3W																
	Lingle, Oev	2240	1957	10	0.0	0.0	1	0	0	0	38	L	5	A	Trn	3184
ABD 1958																
Griggsville, Pike, 4S, 3W																
	Silurian	400	1983	10	0.0	0.0	1	0	1	0		L	6		Ord	820
ABD 1986																
Hadley, Richland, 4N, 14W																
	Spar Mt., Mis	2970	1976	250	3.4	24.6	15	0	4	4					Mis	4415
	McClosky, Mis	3253	1976	240			14	0	4			S	10			
		3253	1985	10			1	0	0			L	3			
*Half Moon, Wayne, 1S, 9E																
	Aux Vases, Mis	3190	1947	1270	1.7	3306.4	69	0	0	17					Oev	5369
	Ohara, Mis	3280	1951	20			1	0	0	38		S	18	M		
	Spar Mt., Mis	3280	1947	#			39	0	0	40		L	11	ML		
	McClosky, Mis	3300	1947	#			11	0	0	37		L	4	MC		
	Salem, Mis	3985	1977	20			22	0	0			L	10	MC		
							2	0	0			L	6			
Half Moon E, Edwards, 1S, 10E																
	McClosky, Mis	3375	1982	10	0.0	0.0	1	0	0	1		L	4		Mis	3465
*Harco +, Saline, 8S, 5E																
	Waltersburg, Mis	2183	1954	1460	175.8	2324.2	124	10	0	64					Knox	8729
	Tar Springs, Mis	2290	1985	130			11	8	0			S	6			
	Hardinsburg, Mis	2330	1984	240			22	5	0	36		S	6			
	Cypress, Mis	2618	1956	30			1	0	0	38		S	8			
	Sample, Mis	2675	1959	60			5	1	0	39		S	8			
	Aux Vases, Mis	2860	1954	30			4	0	0	41		S	15			
	Ohara, Mis	2965	1956	1000			76	0	0	39		L	10			
	Spar Mt., Mis	2970	1956	240			7	0	0			LS	10			
	McClosky, Mis	3174	1986	10			9	1	0			L	10			
							1	1	0				23			
*Harco E +, Saline, 8S, 5E																
	Cypress, Mis	2575	1955	330	1.6	389.5	30	0	0	7					Mis	3900
	Aux Vases, Mis	2865	1955	120			12	0	0	38		S	20			
	Ohara, Mis	2880	1956	220			13	0	0	38		S	8			
			1955	40			4	0	0	39		L	14			
*Harrisburg +, Saline, 8S, 6E																
	Waltersburg, Mis	2020	1952	100	1.3	294.6	10	0	0	2					Mis	2967
	Tar Springs, Mis	2115	1955	90			9	0	0	38		S	14			
			1952	10			1	0	0	37		S	6			
ABD 1971,REV 1981																
Harrisburg S, Saline, 9S, 6E																
	Cypress, Mis	2300	1955	10	0.0	0.0	1	0	0	0	37	S	9		Mis	2352
ABD 1956																

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Harrisburg W, Saline, 9S, 6E																		
	Tar Springs, Mis	1944	1974	30	0.0	7.3	3	0	0	1			S	18		Mis	2903	
Harristown, Macon, 16N, 1E																		
	Silurian	2050	1954	1550	28.7	781.0	94	3	2	77	39		L	3	MU	Sil	2200	
Harristown S, Macon, 16N, 1E																		
	Silurian	2140	1975	120	1.1	138.3	9	1	0	5			L	20	MU	Sil	2219	
Hayes, Douglas, Champaign, 16N, 8E																		
	Trenton, Ord	893	1963	480	0.0	154.7	43	0	0	5	31		L	90		Cam	3430	
Helena, Lawrence, 2N, 13W																		
		1969		90	0.7	5.8	8	0	0	4						C	Mis	3609
	Ohara, Mis	2914	1985	10			1	0	0				L	4		C		
	Spar Mtn, Mis	2902	1984	30			3	0	0				S	18		C		
	McClosky, Mis	2899	1985	10			1	0	0				L	3		C		
	St. Louis, Mis	2978	1969	10			1	0	0				L	5		C		
	Salem, Mis	2822	1984	40			4	0	0				L	5		C		
	ABD 1973,REV 1984																	
*Herald C +, White, Gallatin, 6-8S, 9-10E																		
		1940		8570	441.7	19950.3	733	29	2	369						A	Dev	5285
	Pennsylvanian	1060		420			1	0	0		29		S	10		AL		
	Pennsylvanian	1500	1940	#			23	0	0		36		S	15		AL		
	Pennsylvanian	1750		#			6	1	0		29		S	18		AL		
	Pennsylvanian	1881	1985	#			1	0	0				S	4				
	Pennsylvanian	1927	1985	#			1	0	0				S	10				
	Degonia, Mis	1920	1947	80			3	0	0		36		S	12		AL		
	Clare, Mis	1965		60			2	0	0		36		S	10		AL		
	Palestine, Mis	1940		20			3	0	0		34		S	20		AL		
	Waltersburg, Mis	2240	1947	530			46	0	0		33		S	10		A		
	Tar Springs, Mis	2260	1944	940			74	8	0		38	0.24	S	13		A		
	Cypress, Mis	2660	1947	2860			227	8	0		35	0.22	S	14		A		
	Bethel, Mis	2790		240			25	1	0		37		S	11		AL		
	Aux Vases, Mis	2920	1943	3540			271	2	1		38		S	6		AL		
	Ohara, Mis	2965		850			18	4	0		37		L	6		AC		
	Spar Mt., Mis	3005		#			19	1	0				L	4		AC		
	McClosky, Mis	3010	1945	#			37	3	0		35		L	10		AC		
	St. Louis, Mis	3234	1981	600			35	0	1				L	7				
	Salem, Mis	3870	1976	20			2	0	0				L	5				
	Ullin, Mis	3960	1977	320			25	10	0				L	12				
Herrick S, Fayette, 8N, 2E																		
	Devonian	3152	1982	60	0.0	0.0	4	0	0	3			L	14		Dev	3200	
Herrin, Williamson, 8S, 2E																		
	Cypress, Mis	2221	1965	10	0.0	2.0	1	0	0	0	38		S	9		Mis	2682	
	ABD 1972																	
Hersman, Brown, 1S, 3W																		
	Silurian	650	1983	10	0.0	0.0	1	0	0	1						Ord	1170	
*Hickory Hill, Marion, 1N, 4E																		
		1964		90	0.1	25.7	8	0	0	1							Dev	4750
	Cypress, Mis	2478	1964	10			1	0	0		36		S	10				
	Benoist, Mis	2645	1964	20			2	0	0		37		S	7				
	Aux Vases, Mis	2770	1985	10			1	0	0				S	4				
	Spar Mt., Mis	2833	1964	30			3	0	0		37		S	6				
	Salem, Mis	3220	1982	10			1	0	0				L	15				
	ABD 1972,REV 1978,ABD 1981,REV 1985																	
Hidalgo, Jasper, 8N, 10E																		
		1940		260	0.9	73.5	21	0	0	12							Dev	4332
	McClosky, Mis	2575	1940	250			20	0	0		37	0.20	L	4		MC		
	St. Louis, Mis	2641	1980	10			1	0	0				L	4				
	ABD 1952,REV 1965																	
Hidalgo E, Jasper, 8N, 10E																		
		1966		740	3.4	265.5	50	0	0	44							Mis	3048
	Aux Vases, Mis	2264	1979	40			3	0	0				S	4				
	Spar Mt., Mis	2342	1979	700			1	0	0				S	4				
	McClosky, Mis	2467	1966	#			48	0	0		37		D	6				

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Hidalgo N, Cumberland, 9N, 9E																	
	Spar Mt., Mis	2655 1946	300	2.2	97.2	21	4	1	14						Mis	3252	
	McClosky, Mis	2676 1959	300 #			11 13	0 4	0 1		37 37		S OL	12 9				
Hidalgo S, Jasper, 8N, 10E																	
	Aux Vases, Mis	2680 1981	2970	56.9	858.2	181	8	3	148						Dev	4231	
	Spar Mt., Mis	2660 1981	10			1	0	0				S	6				
	McClosky, Mis	2628 1964	2970			21	0	0				S	34				
	St. Louis, Mis	2721 1986	#			162	8	3	37			O	4				
			10			1	1	0				L	3				
			ABD 1973, REV 1978														
Highland, Madison, 4N, 5W																	
	Hardin, Dev	1941 1960	10	0.0	0.0	1	0	0	0	37		S	7	U	Dev	1983	
			ABD 1962														
Hill, Effingham, 6N, 6E																	
	Aux Vases, Mis	2530 1978	90	1.9	69.5	8	0	0	4						Mis	2963	
	Spar Mt., Mis	2547 1977	20			2	0	0				S	8				
	McClosky, Mis	2565 1943	80			2	0	0				S	4				
			#			4	0	0	39			L	5	A			
			ABD 1950, REV 1970, ABD 1972, REV 1977														
*Hill E, Effingham, 6N, 6E																	
	Cypress, Mis	2460 1955	500	2.1	1317.9	39	0	0	3						Oev	4500	
	Aux Vases, Mis	2650 1957	290			26	0	0		37		S	8				
	Spar Mt., Mis	2660 1954	10			1	0	0		37		S	10				
	McClosky, Mis	2700 1954	260			2	0	0				L	5				
	St. Louis, Mis	2929 1966	#			10	0	0	40			L	7				
			10			1	0	0				O	14				
Hillsboro, Montgomery, 9N, 3W																	
	Lingle, Oev	2012 1962	30	0.0	0.2	3	0	0	0	36		S	4		Oev	2153	
			ABD 1967														
Hoffman, Clinton, 1N, 2W																	
	Cypress, Mis	1190 1939	360	7.6	896.4	54	0	0	31						Dev	2914	
	Benoist, Mis	1320 1939	190			16	0	0		36		S	11	A			
			240			39	0	0		33	0.21	S	7	A			
Holliday, Fayette, 9N, 3E																	
	Devonian	3150 1977	10	0.0	0.0	1	0	0	0			S	6		Oev	3237	
			ABD 1978														
Hoodville E, Hamilton, 5S, 7E																	
	McClosky, Mis	3365 1944	40	0.0	0.6	2	0	0	0	37		L	3	A	Mis	4461	
			ABD 1944, REV 1979, ABD 1982														
*Hord, Clay, 5N, 6E																	
	Aux Vases, Mis	2702 1950	330	1.8	618.2	23	2	2	4						Mis	2954	
	Ste. Gen., Mis	2800 1950	120			9	2	1		38		S	10	M			
			280			14	0	1		37		L	5	M			
Hord N, Effingham, 6N, 6E																	
	Cypress, Mis	2430 1958	60	2.7	205.9	6	0	0	4						Mis	2938	
	Aux Vases, Mis	2633 1959	40			3	0	0		33		S	14				
			30			3	0	0		38		S	10				
*Hord S C, Clay, 5N, 6E																	
	Aux Vases, Mis	2735 1942	410	3.8	1825.5	30	0	0	3						Mis	3460	
	Ste. Gen., Mis	2790 1942	70			4	0	0		37		S	8	A			
			390			27	0	0		36		L	7	AC			
			ABD 1945, REV 1951														
Hornsby Nw, Macoupin, 9N, 6W																	
	Pennsylvanian	587 1980	20	0.0	0.0	2	0	0	2			S	30		Pen	666	
Hornsby S, Macoupin, 8N, 6W																	
	Pennsylvanian	640 1956	60	0.0	0.0	5	1	1	0	28		S	1		Pen	715	
			ABD 1957, REV 1959, ABD 1960, REV & ABD 1986														

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Hoyleton W, Washington, 1S, 2W																	
	Clear Creek, Oev	2895	1955	10	0.0	3.7	1	0	0	0	39	0	12	U	Sil	2965	
				ABO 1964													
Huey, Clinton, 2N, 2W																	
	Benoist, Mis	1260	1945	120	0.0	7.7	10	0	0	3	34	S	6	AL	Oev	2851	
				ABO 1974, REV		1982											
Huey S, Clinton, 1-2N, 2-3W																	
	Cypress, Mis	1080	1953	310	2.3	297.0	23	0	0	11						Sil	
	Silurian	2585	1956	190			17	0	0		34	S	5			2675	
				110			6	0	0		40	L	10				
Hunt City, Jasper, 7N, 10E																	
	Spar Mt., Mis	2540	1945	60	1.4	10.6	6	1	1	4						Mis	
	McClosky, Mis	2525	1980	60			2	0	1		37	S	10	ML		3020	
				#			4	1	0			OL	33				
				ABO 1950, REV		1980											
Hunt City E, Jasper, 7N, 14W																	
	Aux Vases, Mis	1634	1952	850	171.1	602.4	62	22	1	53		S	5			Sil	
	Ohara, Mis	1840	1986	10			1	1	0			S	3			3660	
	Spar Mt., Mis	1958	1984	120			8	1	0			L	8				
	Fredonia, Mis	2000	1985	40			7	3	0			S	6				
	St. Louis, Mis	2187	1952	650			46	17	1		40	L	20				
			1966	10			1	0	0		39	O					
				ABO 1954, REV		1965											
Hunt City S, Jasper, 7N, 14W																	
	Spar Mt., Mis	2392	1966	110	0.2	25.6	7	0	0	3		S	6			Oev	
	McClosky, Mis	2341	1980	30			1	0	0			L	4			4024	
			1966	#			6	0	0		38						
Hutton, Coles, 11N, 10E																	
	Pennsylvanian	530	1939	20	0.0	1.9	2	0	0	0	30	S	15			Ord	
				ABO 1946												3437	
Illioopolis, Sangamon, 16N, 2W																	
	Silurian	1765	1977	60	0.8	17.0	2	0	0	2		L	3			Sil	
*Ina, Jefferson, 4S, 2-3E																	
	Renault, Mis	2725	1938	430	0.0	749.4	28	0	0	0		S	14	A	Oev	4630	
	Aux Vases, Mis	2682	1954	150			7	0	0		36	S	26	AL			
	Spar Mt., Mis	2775	1958	30			3	0	0		36	S	10	A			
	McClosky, Mis	2775	1957	110			3	0	0			L	10	A			
	St. Louis, Mis	3000	1938	90			8	0	0		35	L	4	AC			
	Salem, Mis	3210	1957	40			4	0	0		37	L	9	A			
				ABO 1946, REV 1954, ABO		1977											
Ina N, Jefferson, 4S, 3E																	
	McClosky, Mis	2940	1949	10	0.0	0.7	1	0	0	0	35	L	4		Mis	3689	
				ABO 1950													
Inclose +, Edgar, Clark, 12N, 13-14W																	
	Isabel, Penn	345	1941	110	0.3	3.5	15	0	0	4	30	S		AL	Oev	1604	
*Ingraham C, Clay, 4N, 8E																	
	Tar Springs, Mis	2332	1942	2360	59.0	4999.2	172	1	1	67		S	8	M	Dev	4844	
	Aux Vases, Mis	2920	1969	10			1	0	0			S	10	ML			
	Ohara, Mis	3015	1982	360			29	1	1		38	S	5				
	Spar Mt., Mis	3000		2130			2	0	0			L	7				
	McClosky, Mis	3075	1942	#			61	0	0		37	L	8	MC			
	Salem, Mis	3500	1981	50			85	0	0		37	L	6				
				ABO 42, REV 43, ABO 44, REV 50, ABO 68, REV 69			5	0	0			L					
*Inman E C, Gallatin, 7-8S, 10E																	
	Pennsylvanian	780	1940	5080	77.7	22840.5	487	17	8	175		S	10	A	Oev	5100	
	Pennsylvanian	1450		110			7	1	0		38	S	4	AF			
	Oegonia, Mis	1690		#			3	0	0			S	10	AF			
	Clore, Mis	1725	1942	90			4	0	0		37	S	8	AF			
	Palestine, Mis	1840	1942	50			6	0	0		36	S	13	AF			
	Waltersburg, Mis	1980	1942	90			4	0	0		35	S	18	AF			
	Tar Springs, Mis	2080	1940	1280			95	7	8		37	S	13	AF			
				1880			162	2	0		37	S					
(Continued on next page)																	

Table 7 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Inman E C, Gallatin, 7-8S, 10E																
						(Continued from previous page)										
	Hardinsburg, Mis	2135 1943	310			20	2	0		34		S	10	AF		
	Cypress, Mis	2390	2470			171	4	0		37	0.23	S	14	AF		
	Renault, Mis	2675 1967	20			2	0	0		36		S	5	AF		
	Aux Vases, Mis	2715	910			59	0	0		37		S	8	AF		
	Ohara, Mis	2795 1947	190			3	0	0				L	5	AF		
	Spar Mt., Mis	2790	#			2	0	0				L	7	AF		
	McClosky, Mis	2800	#			9	0	0		39		L	8	AF		
	St. Louis, Mis	2960 1957	40			6	0	0		38		L	10	AF		
*Inman W C, Gallatin, 7-8S, 9-10E																
	Pennsylvanian	925 1940	4230	106.4	9927.0	383	6	3	195			S		T	Mis 4154	
	Pennsylvanian	1630	220			8	1	0				S	8	AL		
	Biehl, Penn	1750	#			5	0	0				S	5	AL		
	Palestine, Mis	1765 1947	40			9	0	0		35		S	12	AL		
	Waltersburg, Mis	2080	140			4	0	0		35		S	13	AL		
	Tar Springs, Mis	2140 1943	1360			9	1	0		37		S	10	TL		
	Hardinsburg, Mis	2300 1947	310			95	1	0		36		S	8	TL		
	Cypress, Mis	2475 1942	2420			23	1	0		32		S	10	TL		
	Sample, Mis	2610	50			184	0	0		37		S	10	T		
	Renault, Mis	2775 1949	40			1	0	0		36		S	30	T		
	Aux Vases, Mis	2790 1949	1070			4	0	1		37		L	7	T		
	Ohara, Mis	2815	310			84	2	2		37		S	15	TL		
	Spar Mt., Mis	2815 1940	#			8	0	0				L	12	TC		
	McClosky, Mis	2940 1941	#			5	0	0		38		L	8	TC		
	St. Louis, Mis	3180 1967	10			19	0	0		36	0.19	L	6	TC		
						1	0	0		39		L	6			
Iola Cen, Clay, 4-5N, 5E																
	Cypress, Mis	2277 1954	280	3.6	119.8	23	0	0	13			S			Dev 4400	
	Benoist, Mis	2420 1972	150			12	0	0				S	15			
	Spar Mt., Mis	2420 1954	60			6	0	0	36			S	5			
		2560 1983	60			4	0	0				S	5			
ABD 1957, REV 1965																
*Iola C, Clay, Effingham, 5-6N, 5-6E																
	Tar Springs, Mis	1890 1939	3760	88.3	17351.7	339	1	4	230			S	9	A	Ord 6000	
	Cypress, Mis	2125 1943	20			1	0	0		35		S		AL		
	Bethel, Mis	2255 1942	780			52	0	1		35		S	15	AL		
	Benoist, Mis	2290	60			5	0	0		36		S	10	AL		
	Renault, Mis	2320	1360			96	0	0		36	0.14	S	12	A		
	Aux Vases, Mis	2325 1939	10			1	0	0		L		L	12	AC		
	Ohara, Mis	2410 1963	2440			198	0	1		36	0.25	S	10	A		
	Spar Mt., Mis	2430	1740			2	0	0				L	6	A		
	McClosky, Mis	2425 1940	#			74	1	1		37		LS	7	A		
	St. Louis, Mis	2880 1984	10			69	0	1		38		OL	10	A		
	Salem, Mis	2920 1984	20			1	0	0				L	6	A		
						2	1	0				L	5			
Iola S, Clay, 4N, 5E																
	Benoist, Mis	2490 1947	440	1.0	570.6	34	0	0	10			S		A	Sil 5075	
	Spar Mt., Mis	2590 1948	180			12	0	0		36		S	10	AL		
	McClosky, Mis	2650 1947	290			11	0	0				L	6	AC		
	Carper, Mis	3900 1967	#			10	0	0		37		S	3	AC		
	Devonian	4238 1980	10			1	0	0		38		S	7			
			30			2	0	0				S	8			
Iola W, Clay, 5N, 5E																
	McClosky, Mis	2495 1945	10	0.0	0.5	1	0	0	0	37		L	11	MC	Mis 2613	
ABD 1945																
*Irvington, Washington, 1S, 1W																
	Beech Creek, Mis	1525 1940	1430	67.7	10078.3	146	1	0	96			S		A	Ord 4440	
	Cypress, Mis	1525 1951	10			1	0	0		38		L	3	AC		
	Benoist, Mis	1380 1943	440			38	1	0		36		S	12	A		
	Clear Creek, Dev	1535 1940	1040			86	1	0		37	0.16	S	12	A		
	Trenton, Ord	3090	370			24	0	0		39	0.27	D	12	AU		
		4275 1956	110			6	0	0		39		L	90	A		
*Irvington E, Jefferson, 1S, 1E																
	Pennsylvanian	1030 1951	340	12.3	1213.4	27	0	0	25			S			Mis 2222	
	Cypress, Mis	1750 1955	40			5	0	0		32		S	15			
	Benoist, Mis	1950 1955	120			7	0	0		37		S				
			200			18	0	0		37		S				
Irvington N, Washington, 1N, 1S, 1W																
	Cypress, Mis	1340 1953	310	14.7	1526.5	28	0	0	25			S		A	Ord 4334	
			60			5	0	0		37		S	16	AL		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
(Continued from previous page)																	
Irrington N, Washington, 1N, 1S, 1W	Benoist, Mis	1470	1953	250			22	0	0		39	S	6	AL			
Irrington W, Washington, 1S, 1W	Cypress, Mis	1460	1963	50	1.3	19.2	3	0	0	1	36	S	20		Mis	1909	
*Iuka, Marion, 2N, 4E																	
	Aux Vases, Mis	2528	1947	1370	65.6	1598.8	97	6	1	65	37	S	11	M	Oev	4590	
	Ohara, Mis	2650	1960	40			3	0	0			L	5	MC			
	Spar Mt., Mis	2660		770			7	0	0			L	15	MC			
	McClosky, Mis	2750	1947	#			8	0	0			L	10	MC			
	St. Louis, Mis	2775	1952	300			41	3	0	39		L	5	MC			
	Salem, Mis	2999	1979	480			17	1	0	37		L	7	MC			
							33	2	1			L					
Iuka S, Marion, 2N, 4E																	
	Paint Creek, Mis	2488	1971	570	86.0	685.3	43	13	0	36		S	4		Oev	4504	
	Ohara, Mis	2705	1985	10			1	1	0			L	5				
	Spar Mt., Mis	2730	1983	490			3	0	0			L	5				
	McClosky, Mis	2680	1971	#			2	0	0			S	4				
	St. Louis, Mis	2881	1982	100			32	10	0			L	5				
	Salem, Mis	3237	1981	30			8	3	0			L	6				
							3	0	0			L	11				
Iuka W, Marion, 2N, 3-4E																	
	McClosky, Mis	2700	1955	60	0.3	69.7	5	0	0	2	37	L	5		Mis	3352	
Jacksonville Gas +, Morgan, 15N, 9W																	
	Pennsylvanian	330	1910	100	1.0	3.0	16	4	0	5	37	LS	5	ML	Ord	1390	
	McClosky, Mis	272	1910	100			11	1	0			L	29				
	St. Louis, Mis	304	1972	10			1	0	0			L	10				
	Salem, Mis	294	1985	30			3	3	0			L	10				
			1972	20			2	0	0			L	19				
					ABO 1937,REV 1967,ABO 1969,REV 1972												
*Johnson N, Clark, 9-10N, 14W																	
	Kickapoo, Penn	315	1907	2510	x	x	669	3	0	301		S	x	AM	Ord	4519	
	Casey, Penn	465		2400			34	0	0			S	x	AM			
	Partlow, Penn	535		#			213	2	0	32		S	x	AM			
	Claypool, Penn	415		#			51	0	0			S	x	AM			
	Benoist, Mis	470	1984	60			305	0	0			S	x	AM			
	Aux Vases, Mis	520	1984	70			5	0	0			S	10	AM			
	McClosky, Mis	556		80			5	1	0			S	6	AM			
	Carper, Mis	1325		300			0	0	0	35		OL	6	AM			
	Oevonian	1720	1973	10			12	0	0	37		S	x	AM			
	Trenton, Ord	2900	1977	180			1	0	0			L	45				
							4	0	0			L	60				
					SEE CLARK COUNTY OIV. FOR PRODUCTION												
*Johnson S, Clark, 9N, 14W																	
	Claypool, Penn	390	1907	2080	x	x	714	0	0	209		S	60	AM	Oev	2460	
	Casey, Penn	450		2060			40	0	0			S	x	AM			
	Partlow, Penn	490		#			61	0	0	30		S	x	AM			
	Partlow, Penn	600		#			435	0	0	31		S	48	AM			
	Aux Vases, Mis	717	1961	40			230	0	0	29		S	48	AM			
	Carper, Mis	1740	1971	20			1	0	0	35		S	21	A			
	Oevonian	1920	1975	20			1	0	0			S	22				
							1	0	0			L	x				
					SEE CLARK COUNTY OIV. FOR PRODUCTION												
*Johnsonville C, Wayne, 1N, 1S, 6-7E																	
	Bethel, Mis	2950	1940	9600	124.2	55247.7	533	1	0	215		S	12	A	Trn	6460	
	Aux Vases, Mis	3020		30			3	0	0			S	20	AL			
	Ohara, Mis	3120	1943	3220			182	1	0		36	0.14	OL	10	AL		
	Spar Mt., Mis	3150		8390			36	0	0		38		OL	8	AC		
	McClosky, Mis	3170	1940	#			14	0	0		38	0.17	OL	15	AC		
	St. Louis, Mis	3256	1961	140			455	0	0		38		OL	14	AC		
	Salem, Mis	3852	1960	350			13	0	0		38		L	14	A		
	Ullin, Mis	3933	1980	20			21	0	0		39		L	5	AC		
							2	0	0			L					
Johnsonville N, Wayne, 1N, 6E																	
	Ohara, Mis	3190	1943	190	0.0	97.8	11	0	0	0		S	3	A	Dev	5150	
	Spar Mt., Mis	3220		190			1	0	0		38	0.17	OL	8	AC		
	McClosky, Mis	3250	1943	#			10	0	0		38	0.17	OL	3	AC		
							1	0	0		38	0.17	OL	3	AC		
					ABO 1966,REV 68,ABO 69,REV 80,ABO 84												

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Johnsonville S, Wayne, 1S, 6E																	
		1942	1370	52.3	2160.3	111	0	0	69								
Aux Vases, Mis		3060 1942	500			39	0	0		38		S	15	A	Mis	4160	
Ohara, Mis		3160 1977	460			4	0	0				L	5	A			
Spar Mt., Mis		3160	#			5	0	0				L	4	AC			
McClosky, Mis		3200 1942	#			21	0	0	38			L	5	AC			
St. Louis, Mis		3290 1977	20			2	0	0				L	6				
Salem, Mis		3772 1975	750			49	0	0				L	30				
*Johnsonville W, Wayne, 1N, 1S, 5-6E																	
		1942	880	1.2	2334.8	71	0	2	16								
Bethel, Mis		2925 1952	40			1	0	0		37		S	7	M	Mis	3900	
Aux Vases, Mis		2900 1943	440			37	0	0		37		S	6	ML			
Ohara, Mis		2930	390			5	0	0				L	6	ML			
Spar Mt., Mis		3015	#			10	0	2				L	4	MC			
McClosky, Mis		3100 1942	#			19	0	0	40			L	7	MC			
Ullin, Mis		3823 1978	10			1	0	0				L	19				
*Johnston City E, Williamson, 8S, 3E																	
		1959	290	3.8	1180.2	20	0	0	13								
Cypress, Mis		2290 1959	130			9	0	0		37		S	20		Mis	2997	
Bethel, Mis		2500 1975	10			1	0	0				S	5				
Aux Vases, Mis		2620 1962	260			12	0	0	36			S	10				
Ohara, Mis		2660 1975	20			1	0	0				L	5				
Spar Mt., Mis		2660 1963	#			2	0	0				L	7				
McClosky, Mis		2680 1963	#			1	0	0	38			OL	12				
*Johnston City N E, Williamson, 8S, 3E																	
Aux Vases, Mis		2818 1969	50	0.5	238.2	4	0	0	4			S	16		Mis	3014	
*Junction, Gallatin, 9S, 9E																	
		1939	380	1.4	708.4	32	0	0	7								
Pennsylvanian		1150 1947	30			4	0	0		35		S	7	M	Mis	3600	
Waltersburg, Mis		1750 1939	300			26	0	0		37		S	14	ML			
Hardinsburg, Mis		2120 1949	30			1	0	0		34		S	5	ML			
Cypress, Mis		2275 1954	20			2	0	0		37		S	12	ML			
McClosky, Mis		2730 1955	10			1	0	0		37		L	9	MC			
*Junction E, Gallatin, 8-9S, 9E																	
		1953	190	3.2	168.3	12	0	0	8								
Waltersburg, Mis		2000 1953	140			8	0	0		37		S	14		Mis	2970	
Tar Springs, Mis		2119 1973	10			1	0	0				S	25				
Ohara, Mis		2830 1980	40			3	0	0				L	8				
*Junction N, Gallatin, 8-9S, 9E																	
		1946	280	1.3	264.6	25	0	0	11								
Pennsylvanian		1565 1947	100			11	0	0		36		S	16	M	Mis	2983	
Waltersburg, Mis		1990 1973	80			5	0	0				S	20	ML			
Cypress, Mis		2450 1954	30			3	0	0		37		S	10	ML			
Aux Vases, Mis		2725 1946	40			3	0	0		36		S	4	ML			
Spar Mt., Mis		2860 1955	40			3	0	0		37		L	6	MC			
Junction City C, Marion, 2N, 1E																	
		1910	170	0.7	38.1	18	0	0	12								
Dykstra, Penn		510 1910	170			11	0	0		32		S	x	AL	Dev	3346	
Wilson, Penn		680 1952	#			7	0	0				S	8	AL			
Keensburg E, Wabash, 2S, 13W																	
		1939	40	0.0	14.5	3	0	0	0	0.26							
Ohara, Mis		2705 1945	40			1	0	0				L	10	M	Mis	2802	
McClosky, Mis		2710 1939	#			2	0	0		38	0.26	L	6	MC			
ABD 1947, REV 1984																	
*Keensburg S, Wabash, 2-3S, 13W																	
		1944	340	9.3	1163.9	32	1	0	17								
Pennsylvanian		1145 1944	150			16	0	0		33		S	15	A	Mis	3475	
Cypress, Mis		2385 1951	130			11	0	0		36		S	9	AL			
Ohara, Mis		2715 1944	40			3	1	0		38		L	10	AL			
Salem, Mis		3200 1973	20			2	0	0				L	8	AC			
*Keenville, Wayne, 1S, 5E																	
		1945	1560	102.5	5425.1	132	0	0	78								
Renault, Mis		2935 1983	10			1	0	0				S	4	A	Dev	5050	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Keenville, Wayne, 1S, 5E																
(Continued from previous page)																
	Aux Vases, Mis	2960	1945	430			32	0	0		37	S	20	AL		
	Ohara, Mis	3050	1946	660			5	0	0			L	8	AC		
	Spar Mt., Mis	3060		#			15	0	0			L	10	AC		
	McClosky, Mis	3100		#			31	0	0		37	L	7	AC		
	St. Louis, Mis	3238	1982	10			1	0	0			L	7			
	Salem, Mis	3620	1977	880			53	0	0		37	L	8			
	Devonian	5005	1982	10			1	0	0		37	L	8			
Keenville E, Wayne, 1S, 5E																
	Spar Mt., Mis	3075	1951	170	5.8	147.1	13	2	0	8					Mis	3982
	McClosky, Mis	3120	1951	#			1	0	0			L	4			
	St. Louis, Mis	3190	1967	20			6	0	0	37		L	10			
	Salem, Mis	3709	1977	90			3	1	0	39		L	10			
							9	2	0			L	10			
Kell, Jefferson, 1S, 3E																
	McClosky, Mis	2625	1942	50	0.0	14.2	5	0	0	0	37	0.26	L	6	A	Mis 3000
							ABO 1944, REV 1958, ABO 1962									
Kell E, Jefferson, Marion, 1N-1S, 3E																
	McClosky, Mis	2640	1979	220	8.4	195.0	18	0	0	15					Mis	3511
	St. Louis, Mis	2841	1979	170			1	0	0			L	2			
	Salem, Mis	3072	1980	50			15	0	0			L	8			
							5	0	0			L	8			
Kell N, Marion, 1N, 3E																
	Spar Mt., Mis	2420	1976	90	0.0	17.1	8	0	0	8					Mis	3118
	St. Louis, Mis	2695	1976	20			1	0	0			S	3			
	Salem, Mis	2770	1976	80			2	0	0			L	4			
							7	0	0			L	4			
Kell W, Marion, 1N, 2E																
	McClosky, Mis	2354	1962	10	0.0	0.8	1	0	0	0	38	OL	6		Mis	2475
							ABO 1964									
Kellerville, Adams, Brown, 1-2S, 5W																
	Silurian	637	1959	870	1.5	305.6	79	2	2	34	37	0	7	TC	Stp	1075
*Kenner, Clay, 3N, 5-6E																
	Tar Springs, Mis	2200	1942	1310	18.9	2613.1	113	1	0	27		S	7	A	Sil	4970
	Benoist, Mis	2690	1945	10			1	0	0	37	0.22	S	10	AL		
	Renault, Mis	2761	1958	710			57	0	0	37		S	9	A		
	Aux Vases, Mis	2835	1943	250			18	0	0	37		S	9	A		
	Spar Mt., Mis	2875	1947	850			49	0	0	38		S	9	AL		
	McClosky, Mis	2930	1945	180			6	0	0			LS	5	AC		
	St. Louis, Mis	2978	1964	20			8	0	0	37		L	7	AC		
	Carper, Mis	4221	1959	10			2	0	0	37		L	4			
	Devonian	4424	1959	50			1	0	0	39		S	10	A		
							3	1	0	36		L	55	A		
*Kenner N, Clay, 3N, 6E																
	Benoist, Mis	2755	1947	390	0.0	888.6	36	0	0	1		S	8	A	Ord	6032
	McClosky, Mis	2970	1947	390			31	0	0	37		L	6	AC		
				80			5	0	0	37						
Kenner S, Clay, 2N, 5E																
	Benoist, Mis	2730	1950	40	0.0	20.6	4	0	0	0		S	5	A	Oev	4752
	Aux Vases, Mis	2768	1967	20			2	0	0	37		S	9	A		
	McClosky, Mis	2870	1971	10			1	0	0			S	6			
			1950	30			4	0	0	37		L	10	AC		
							ABO 1952, REV 1967, ABO 1978									
*Kenner W, Clay, 3N, 5E																
	Cypress, Mis	2600	1947	410	2.5	2136.9	36	0	0	9		S	26	A	Dev	4800
	Benoist, Mis	2705	1947	350			27	0	0	37		S	9	A		
	Renault, Mis	2802	1960	230			16	0	0	38		S	10	A		
	Aux Vases, Mis	2837	1960	10			1	0	0	37		S	10	A		
	McClosky, Mis	2870	1947	110			8	0	0	38		S	24	A		
	Lingle, Dev	4490	1983	20			2	0	0	38		L	4	A		
							1	0	0			S	15			

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Keyesport, Clinton, 3N, 2W																	
	Benoist, Mis	1180	1949	180	1.7	179.1	20	0	0	12	35		S	8	AL	Mis	1358
*Kincaid C, Christian, 13-14N, 3W																	
	Cedar Valley, Oev	1800	1955	2660	69.8	5976.0	152	0	0	104					MU	Si	2011
	Silurian	1874	1959	2620			147	0	0		38		OS	19	MU		
				50			5	0	0		38		0	7			
*King, Jefferson, 3-4S, 3E																	
	Renault, Mis	2718	1942	1440	2.2	3759.6	113	0	0	33					A	Ord	6015
	Aux Vases, Mis	2725	1959	10			1	0	0		39		S	x	A		
	Ohara, Mis	2765	1942	1390			105	0	0		39	0.17	S	15	AL		
	Spar Mt., Mis	2815	1942	320			11	0	0				L	10	AC		
	McClosky, Mis	2840	1942	#			7	0	0		40	0.16	LS	10	AC		
				#			4	0	0				L	5	AC		
King N, Jefferson, 3N, 3E																	
	Ohara, Mis	2875	1981	240	32.6	216.2	12	0	0	12						Mis	4050
	McClosky, Mis	2910	1981	210			1	0	0				L	8			
	St. Louis, Mis	3070	1981	10			11	0	0				L	5			
							1	0	0				L	8			
Kinmundy, Marion, 4N, 2-3E																	
	Benoist, Mis	1915	1950	410	24.1	194.4	29	1	5	20					A	Oev	3650
	Aux Vases, Mis	2061	1985	20			3	0	0		34		S	3	A		
	St. Louis, Mis	2360	1985	10			1	0	0				S	4			
	Salem, Mis	2430	1985	10			1	0	0				L	7	A		
	Carper, Mis	3384	1962	370			25	1	5		36		S	17			
				ABD 1960, REV 1962							37						
Kinmundy N, Marion, 4N, 3E																	
	Benoist, Mis	2050	1953	100	0.0	3.0	11	7	0	9	34		S	6		Mis	2375
				ABD 1954, REV 1951, ABD 1974, REV 1984													
Laclede, Fayette, 5N, 4E																	
	Benoist, Mis	2335	1943	110	6.0	59.7	13	0	1	7	36	0.18	S	15	A	Dev	4087
Lakewood, Shelby, 10N, 2-3E																	
	Benoist, Mis	1690	1941	130	1.6	292.9	13	1	0	4					A	Si	3127
	Aux Vases, Mis	1720	1941	80			8	1	0		30		S	7	AL		
				50			5	0	0		32	0.23	S	8	AL		
*Lancaster, Wabash, Lawrence, 1-2N, 13W																	
	Tar Springs, Mis	2050	1940	2280	29.9	5484.4	172	5	2	74					A	Oev	4555
	Bethel, Mis	2540	1959	10			1	0	0		31		S	3	A		
	Ohara, Mis	2670	1944	980			1	0	0		36		S	14	AL		
	Spar Mt., Mis	2649	1944	1270			6	0	0				L	10	AC		
	McClosky, Mis	2690	1940	#			10	0	0				L	6			
	Salem, Mis	3282	1982	50			65	5	0		40	0.28	L	7	AC		
							3	0	2				L	8			
Lancaster Cen, Wabash, 1N, 13W																	
	Aux Vases, Mis	2770	1940	480	4.9	495.2	44	0	0	20					M	Mis	3994
	Ohara, Mis	2750	1981	60			5	0	0				S	12			
	Spar Mt., Mis	2810	1947	340			10	0	0		37		L	7	MC		
	McClosky, Mis	2815	1946	#			11	0	0				L	7	MC		
	St. Louis, Mis	3010	1947	#			5	0	0				L	8	MC		
	Salem, Mis	3450	1980	50			13	0	0				L	6			
				170									L				
				ABD 1961, REV 72, ABD 76, REV 80													
*Lancaster E, Wabash, 2N, 13W																	
	Bridgeport, Penn	1310	1944	110	2.4	82.6	11	0	0	6					M	Mis	2760
	Buchanan, Penn	1410	1976	80			1	0	0				S	13			
	Biehl, Penn	1745	1944	#			1	0	0				S	5			
	Benoist, Mis	2409	1984	10			7	0	0		31		S	10	ML		
	Ohara, Mis	2661	1985	10			1	0	0				S	4			
	Spar Mt., Mis	2660	1947	10			1	0	0		39		L	4			
				10			1	0	0				L	6	MC		
				ABD 1975, REV 1976													

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Lancaster S, Wabash, 1N, 13W																	
	Bethel, Mis	2520	1946	330	7.5	562.7	24	0	2	10						Mis	3620
	Ohara, Mis	2670	1949	280			19	0	2		36		S	6	ML		
	McClosky, Mis	2720	1946	80			4	0	0				L	12	MC		
				#			1	0	0		39		L		MC		
Langewisch-Kuester, Marion, 1N, 1E																	
	Pennsylvanian	795	1910	120	0.3	44.8	16	0	0	1						Oev	3509
	Cypress, Mis	1600	1951	10			2	0	0		32		S	x	A		
			1910	110			14	0	0		35		S	x	A		
Lawler, Gallatin, 9S, 8E																	
	Pennsylvanian	1050	1982	80	0.1	10.8	7	1	1	5						Mis	2485
	Palestine, Mis	1324	1982	40			3	0	0				S	x			
	Waltersburg, Mis	1507	1984	40			3	0	0				S	8			
			1984	10			1	1	1				S	20			
*Lawrence, Lawrence, Crawford, 2-5N, 11-13W																	
	Trivoli, Penn	290	1906	37460	x	x	7490	53	12	3041						Cam	9261
	Pennsylvanian	950		11530			19	0	0		28		S	x	A		
	Cuba, Penn	450		#			23	0	0				S	15	A		
	Ridgley, Penn	1300		#			6	0	0				S	x	A		
	Bridgeport, Penn	800		#			x	3	0				S	x	A		
	Buchanan, Penn	1250		#			1448	11	0		36		S	40	A		
	Tar Springs, Mis	1410		80			592	0	0		33		S	15	A		
	Hardinsburg, Mis	1570		350			8	0	0		34		S	10	A		
	Jackson, Mis	1370		1680			31	0	0		33		S	10	A		
	Cypress, Mis	1400		23400			341	0	0		33		S	15	A		
	Sample, Mis	1600		10630			4736	30	8		40		S	30	A		
	Bethel, Mis	1650		#			298	15	0		35		S	8	A		
	Benoist, Mis	1695		#			1020	5	7		38		S	20	A		
	Renault, Mis	1660	1983	130			186	17	1		37		S	7	A		
	Aux Vases, Mis	1775		1130			3	0	0				L	3			
	Ohara, Mis	1750		14830			87	4	2		38		L	8	A		
	Spar Mt., Mis	1860		#			16	0	1				L	8	AU		
	McClosky, Mis	1860		#			125	2	0		33		LS	4	A		
	St. Louis, Mis	1660		350			1271	11	2		40		L	10	A		
	Salem, Mis	1955		210			20	0	0		35		L	10	A		
	Ullin, Mis	2415	1983	10			16	0	1		36		L	2	A		
	Oevonian	2934	1975	60			14	0	0		39		L	6			
	Trenton, Ord	4492	1978	80			1	0	0				L	12			
													L	40			
SEE LAWRENCE COUNTY DIV. FOR PRODUCTION																	
Lawrence County Division, Lawrence, Crawford																	
		1900		38410	2832.9	398069.8	7580	54	12	3074							
TOTALS FOR LAWRENCE AND ST. FRANCISVILLE POOLS																	
*Lawrence W, Lawrence, 3N, 13W																	
	Paint Creek, Mis	1978	1952	1010	6.9	592.9	81	1	2	41						Mis	3059
	Bethel, Mis	2050	1962	700			10	1	0		35		S	13			
	Aux Vases, Mis	2110	1952	#			42	0	0		33		S	15			
	Ohara, Mis	2214	1953	70			7	0	0		36		S	8			
	Spar Mt., Mis	2214	1968	310			1	0	0				L	16			
	McClosky, Mis	2193	1963	#			7	0	0				L	2			
		2225	1953	#			16	0	2		40		L	11			
*Lexington, Wabash, 1S, 14W																	
	Cypress, Mis	2585	1947	170	0.6	481.8	17	0	0	5						Oev	5033
	Benoist, Mis	2733	1953	10			1	0	0		32		S	10	AL		
	Ohara, Mis	2912	1972	30			3	0	0				S	4			
	McClosky, Mis	2970	1968	130			1	0	0				L	3			
	Oevonian	4912	1947	#			12	0	0		38		L	8	AC		
			1982	10			1	0	0				L	6			
Lexington N, Wabash, 1S, 14W																	
	Ste. Gen., Mis	2915	1951	20	0.0	6.4	3	0	0	0	38		L	4	MC	Mis	3927
*Lillyville, Cumberland, Effingham, 8-9N, 6-7E																	
	Spar Mt., Mis	2433	1946	230	1.3	702.4	18	0	0	11						Oev	4000
	McClosky, Mis	2425	1968	230			1	0	0				S	6			
			1946	#			16	0	0		36		L	10	A		
Lillyville N, Cumberland, 9N, 7E																	
	Spar Mt., Mis	2405	1974	80	5.3	608.6	5	0	0	5						Ord	6500
			1974	80			3	0	0				S	7	Rd		
(Continued on next page)																	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				Ouring 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Sulfur GR. API percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Lillyville N. Cumberland, 9N, 7E																
						(Continued from previous page)										
	McClosky, Mis	2440	1974	#			5	0	0			L	20	Rd		
	Salem, Mis	2840	1974	60			4	0	0			L	5	Rd		
	Geneva, Dev	3825	1974	30			3	0	0			D	10	Rd		
Lis, Jasper, 7N, 9E																
	Spar Mt., Mis	3022	1964	10	0.0	0.5	1	0	0	0	37	S	5		Mis	3050
				ABD 1967												
Litchfield, Montgomery, 8-9N, 5W																
	Pennsylvanian	660	1886	160	0.0	24.0	19	0	0	0	23	0.24	S	0	Stp	3000
				ABO 1904, REV 42, ABO X, REV 81, ABO 82												
Litchfield S, Montgomery, 8N, 5W																
	Pennsylvanian	610	1967	80	0.0	0.0	7	0	0	5	23	S	3		Dev	1920
*Livingston, Madison, 6N, 6W																
	Pennsylvanian	535	1948	500	15.8	824.4	79	1	0	35	35	S	15	ML	Ord	2378
*Livingston S +, Madison, 5-6N, 6W																
	Pennsylvanian	530	1950	690	17.8	714.7	82	0	2	51	35	S	7	ML	Ord	2480
*Locust Grove, Wayne, 1N, 9E																
	Aux Vases, Mis	3215	1951	220	15.3	343.7	19	0	1	6					Mis	4190
	Ohara, Mis	3240	1951	110			8	0	1		36	S	10			
	McClosky, Mis	3280	1951	110			10	0	0			L	4			
				#			1	0	0		37	L	6			
Locust Grove S, Wayne, 1S, 9E																
	Aux Vases, Mis	3155	1953	300	15.9	168.1	23	4	0	12					Mis	4058
	Ohara, Mis	3248	1958	60			6	2	0			S	6			
	Spar Mt., Mis	3300	1953	240			4	2	0		39	L	6			
	McClosky, Mis	3286	1958	#			7	0	0		37	L	10			
				#			7	0	0		39	L	4			
				ABO 1971, REV 72, ABO 74, REV 78, ABD 79, REV 82												
Logan, Franklin, 7S, 3E																
	Aux Vases, Mis	2920	1968	60	2.9	104.5	6	0	0	2					Mis	4100
	Spar Mt., Mis	3028	1966	30			3	0	0			S	8			
	McClosky, Mis	3082	1966	20			1	0	0			L	4			
	St. Louis, Mis	3380	1981	#			1	0	0			L	8			
				10			1	0	0			L				
				ABO 1982												
Logootee, Fayette, 6N, 3E																
	Carper, Mis	3450	1966	30	0.0	0.0	3	2	0	2	34	L	8		Mis	3473
				ABO & REV 1985												
Long Branch, Saline, Hamilton, 7S, 6E																
	Palestine, Mis	2070	1950	160	21.9	371.1	20	4	0	11					Mis	4373
	Tar Springs, Mis	2364	1986	20			2	0	0			S	8	A		
	Cypress, Mis	2745	1951	10			1	1	0			S	3	AL		
	Aux Vases, Mis	3095	1951	20			3	0	0		37	S	13	AL		
	Spar Mt., Mis	3194	1986	90			9	1	0		37	S	9	AL		
	McClosky, Mis	3220	1950	#			2	2	0			L	8			
	St. Louis, Mis	3374	1986	60			4	0	0		37	L	5	AC		
				10			1	1	0			L	2			
Long Branch S, Saline, 8S, 6E																
	Cypress, Mis	2660	1955	20	0.3	10.4	2	0	1	0					Mis	3453
	Benoist, Mis	2924	1984	10			1	0	0			S	8			
				10			1	0	1			S	8			
				ABD 1971, REV 1984, ABO 1986												
*Louden +, Fayette, Effingham, 6-9N, 2-4E																
	Cypress, Mis	1500	1937	26090	1695.3	381162.0	2759	48	2	1540					PC	8616
	Bethel, Mis	1540		22670			1882	51	2		36	0.25	S	30	A	
	Benoist, Mis	1550	1937	10560			563	48	0		38	0.24	S	15	A	
	Renault, Mis	1602	1985	7730			831	28	0		38	0.20	S	10	A	
	Aux Vases, Mis	1600		20			2	2	0			S	10			
	McClosky, Mis	1785	1955	2450			117	20	0		37	0.17	S	6	AL	
	Carper, Mis	2830	1952	30			2	0	0		37		L	4	AC	
				50			6	0	0		36		S	9	AL	
(Continued on next page)																

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Louden +, Fayette, Effingham, 6-9N, 2-4E (Continued from previous page)																
	Devonian	3000	1937	3610		154	0	0		28	0.48	D	15	A		
	Trenton, Ord	3905	1955	30		3	0	0				L	12	A		
Louisville, Clay, 4N, 6E																
	Renault, Mis	2735	1974	550	11.7	43	0	0	19						Oev	4865
	Aux Vases, Mis	2800	1974	20		2	0	0				S	6			
	Spar Mt., Mis	2860	1974	40		4	0	0				S	6			
	McClosky, Mis	2872	1974	540		9	0	0				S	10			
	Salem, Mis	3386	1974	#		30	0	0				OL	6			
	Ullin, Mis	3530	1974	20		2	0	0				L	4			
				10		1	0	0				L	4			
*Louisville N, Clay, 4N, 6E																
	Aux Vases, Mis	2755	1953	120	1.0	9	0	0	1			S	10	M	Sil	4650
	Spar Mt., Mis	2812	1961	40		2	0	0		37		S	9	ML		
				80		7	0	0		37		L		ML		
	ABO 1956, REV 1962, ABO 1973, REV 1974															
Louisville S, Clay, 3N, 6E																
	Aux Vases, Mis	2823	1960	20	0.0	2	0	0	0			S	6		Sil	4930
	Ohara, Mis	2893	1960	10		1	0	0		38		S	6			
				10		1	0	0		36		L	2			
	ABO 1967, REV 1976, ABO 1979															
Lynchburg, Jefferson, 3S, 4E																
	McClosky, Mis	3045	1951	60	1.1	3	0	0	1	38		L	8	AC	Mis	4004
*McKinley, Washington, 3S, 4W																
	Benoist, Mis	1050	1940	260	3.0	31	0	0	6			S	5	R	Ord	3983
	Silurian	2240	1940	180		17	0	0		41	0.18	S	40	Rd		
				200		13	0	0		40		L		R		
Macedonia, Franklin, 5S, 4E																
	Salem, Mis	4124	1961	40	3.0	3	0	0	2			L	10		Oev	5249
	Ullin, Mis	4097	1961	20		1	0	0				L	12			
				20		2	0	0		37						
	ABO 1965, REV 1978															
Macedonia N, Franklin, 5S, 4E																
	Salem, Mis	3765	1983	10	0.0	1	0	0	1			L	5		Mis	4320
*Main C +, Crawford, Lawrence, Jasper, 5-8N, 10-14W																
	Cuba, Penn	510	1906	64680	2016.8	13304	254	27	4545			S	x	AL	Stp	5317
	Pennsylvanian	750		65240		76	0	0		32		S	5	AL		
	Pennsylvanian	1250		#		5	1	0				S	25	AC		
	Robinson, Penn	950		#		69	1	0				S	25	AL		
	Beech Creek, Mis	1201	1968	10		11527	248	25		35		OL	10	A		
	Cypress, Mis	1480	1954	800		1	0	0				S	15	AL		
	Paint Creek, Mis	1280		5140		55	0	0		34		S	15	AL		
	Bethel, Mis	1400		#		x	0	0		36		S	30	AL		
	Renault, Mis	1564	1979	320		199	0	0		36		S	18	AL		
	Aux Vases, Mis	1430		4060		27	0	0				S	10			
	Spar Mt., Mis	1515		860		218	3	2		35		S	15	AL		
	McClosky, Mis	1400		#		9	0	0				S	6	AC		
	Salem, Mis	1815	1947	300		158	2	0		35		OL	x	AC		
	Devonian	2795	1941	560		15	0	0		37		L	5	AC		
	Trenton, Ord	3900	1976	460		21	0	1		40		L	11	AC		
						26	0	0				L	75			
*Maple Grove C, Edwards, Wayne, 1-2N, 9-10E																
	Aux Vases, Mis	3145	1943	3640	56.4	230	12	4	115			S	15	A	Oev	5220
	Ohara, Mis	3230	1945	1190		85	5	4		38		S	3	A		
	Spar Mt., Mis	3250		2590		27	1	0		27		L	1	AC		
	McClosky, Mis	3260	1943	#		23	5	0				L	1	AC		
	St. Louis, Mis	3500	1977	10		105	4	0		41		L	6	A		
	Salem, Mis	3660	1967	130		1	0	0				L	6			
	Ullin, Mis	4057	1976	30		10	1	1		39		L	4			
						3	0	1				L	7			
Maple Grove S C, Edwards, 1N, 10E																
	Ohara, Mis	3260	1945	1280	54.0	79	1	1	68			L	6		Mis	4200
	Spar Mt., Mis	3275	1951	1230		33	1	1		40		L	6			
	McClosky, Mis	3275		#		22	0	0				L	6			
						33	0	0		38		L	6			

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned end of 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
Maple Grove S C, Edwards, 1N, 10E				(Continued from previous page)											
	Salem, Mis	3850 1976	40			3	0	0					L	85	
	Ullin, Mis	4170 1977	10			1	0	0					L	28	
Marcoe, Jefferson, 3S, 2E															
	Spar Mt., Mis	2700 1938	70	9.8	108.7	6	1	0	6						Mis 3520
	McClosky, Mis	2745 1938	#			1	0	0				S	18		
						6	1	0	25	0.54		L	15	MC	
*Marine, Madison, 4N, 6W															
	Devonian	1700 1943	2470	53.9	12497.9	148	0	0	111	35	0.28	L	20	R	Ord 2619
Marine W, Madison, 5N, 7W															
	Devonian	1653 1965	100 ABO 1978	0.0	25.2	6	0	0	0	35		L	3		Ord 2355
Marion, Williamson, 9S, 3E															
	Aux Vases, Mis	2385 1950	20	0.0	0.8	2	0	0	1						Mis 2560
	Ohara, Mis	2470 1975	10			1	0	0	40			S	5		
			10			1	0	0				L	8		
			ABO 1951, REV 1975												
Marion E, Williamson, 9S, 3E															
	Bethel, Mis	2295 1959	10	0.3	3.4	2	0	0	0	37		S	8		Mis 2642
			ABO 1963, REV 1983												
Marissa W +, St. Clair, Randolph, 3-4S, 7W															
	Cypress, Mis	215 1960	70	0.0	0.0	3	0	0	0	25		S	3		Ord 2413
			ABD 1966												
*Markham City, Jefferson, 2-3S, 4E															
	Ste. Gen., Mis	3070 1942	340	7.3	1705.5	19	0	0	4	38	0.08	L	10	A	Mis 4050
*Markham City N, Jefferson, Wayne, 2S, 4-5E															
	Aux Vases, Mis	2950 1943	330	16.3	1536.0	26	0	0	8						Mis 4085
	McClosky, Mis	3075 1944	120			9	0	0	38			S	6	A	
			330			19	0	0	37	0.24		L	8	AL AC	
*Markham City W, Jefferson, 2-3S, 4E															
	Aux Vases, Mis	2905 1945	870	36.5	2875.9	73	2	0	34						Dev 4950
	McClosky, Mis	3035 1945	350			22	0	0	39			S	15	A	
	Salem, Mis	3774 1946	390			25	0	0	37			L	7	AL AC	
			620			30	2	0				L	4		
*Martinsville, Clark, 9-10N, 13-14W															
		1907	2740	x	x	437	17	5	195						
	Pennsylvanian	255	2440			10	0	0				S	x	0	Stp 3411
	Casey, Penn	500	#			121	7	5				S	x	0	
	Martinsville, Mis	480	680			47	7	0				L	x	0	
	Carper, Mis	1340	1050			92	3	0	37			S	40	0	
	Devonian	1550	700			45	0	0	38			L	x	0	
	Trenton, Ord	2700	520			37	1	0	40			L	x	0	
			SEE CLARK COUNTY DIV. FOR PRODUCTION												
*Mason N, Effingham, 6N, 5E															
	Benoist, Mis	2290 1951	270	0.2	425.8	18	0	0	11						Sil 4200
	Aux Vases, Mis	2355 1951	180			11	0	0	38			S	13	A	
	Spar Mt., Mis	2390 1951	10			1	0	0	36			S	5	AL	
	McClosky, Mis	2475 1951	120			4	0	0				L	18	AL	
	Salem, Mis	2881 1982	#			4	0	0	37			L	5	AC	
			10			1	0	0				L	4		
Massilon, Wayne, Edwards, 1S, 9-10E															
	Ohara, Mis	3255 1946	80	0.0	91.4	4	0	0	0						Mis 4125
	Salem, Mis	3714 1982	70			3	0	0	37			L	6	MC	
			10			1	0	0				L	18		
			ABO 1953, REV & ABD 1982												
Massilon S, Edwards, 1S, 10E															
	Ohara, Mis	3315 1947	30	0.0	0.3	1	0	0	1	37		L	9	MC	Mis 3451
			ABO 1947, REV 1982												

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Mattoon, Coles, 11-12N, 7-8E																	
			1939	6560	240.1	21390.6	654	32	3	289						Stp	4915
	Cypress, Mis	1750	1939	3530			276	1	1		39	0.16	S	13	A		
	Aux Vases, Mis	1900		590			30	0	0		32		S	15	A		
	Spar Mt., Mis	1950	1944	4970			425	6	2		38	0.21	S	12	A		
	McClosky, Mis	2010		#			9	0	0		37		L	5	A	AC	
	Salem, Mis	2236	1977	60			4	0	0				L	6			
	Sonora, Mis	2400	1984	440			38	26	0				S	6			
	Carper, Mis	2950	1955	560			34	2	0		39		S	10	A		
	Devonian	3162	1970	50			5	0	0		34			9	A		
*Mattoon N, Coles, 13N, 7E																	
	Spar Mt., Mis	1902	1960	160	0.5	381.6	12	0	0	3	40		S	12	A	Mis	1978
Mattoon S, Cumberland, 11N, 7E																	
			1962	60	0.0	18.0	5	0	0	2							
	Carper, Mis	3035	1962	50			4	0	0		38		S	10	A	Mis	3337
	Devonian	3252	1982	10			1	0	0				L	26	A		
				ABD 1966, REV 1982													
Maunie E, White, 6S, 11E																	
			1951	100	1.2	67.0	8	1	0	3					AF	Mis	3088
	Tar Springs, Mis	2280	1962	10			2	1	0		35		S	8			
	Aux Vases, Mis	2870	1951	90			6	0	0		35		S	20	AF		
				ABD 1952, REV 1955													
*Maunie N C, White, 5-6S, 10-11E, 14W																	
			1941	2280	90.5	5239.7	199	11	4	62						Dev	6119
	Pennsylvanian	1320		10			1	0	0		34		S	20	A		
	Oegonia, Mis	2022	1985	10			1	0	0				S	4	AL		
	Waltersburg, Mis	2305	1952	130			10	0	0		37		S	12	AL		
	Tar Springs, Mis	2350		180			11	0	0		35		S	10	AL		
	Hardinsburg, Mis	2565		10			1	0	0		36		S	10	A		
	Cypress, Mis	2695	1984	40			2	0	0				S	5			
	Sample, Mis	2830		510			2	0	0		35		S	13	AL		
	Bethel, Mis	2820	1941	#			33	1	0		35		S	13	AL		
	Renault, Mis	2935		10			1	0	0		36		L	2	AC		
	Aux Vases, Mis	2930	1943	1010			106	7	2		35		S	13	AL		
	Ohara, Mis	2995	1944	900			9	1	0		37		L	4	AC		
	Spar Mt., Mis	3025	1947	#			26	1	1		36		L	6	AC		
	McClosky, Mis	3035	1945	#			25	0	0		33		L	10	AC		
	Salem, Mis	3874	1980	40			1	0	0				L	x			
	Ullin, Mis	3950	1980	60			3	2	1				L	x			
*Maunie South C, White, 6S, 10-11E																	
			1941	1760	57.6	7688.2	179	2	0	56						Dev	4908
	Bridgeport, Penn	1400		180			11	0	0		24		S	7	A		
	Biehl, Penn	1649	1959	#			3	0	0		31		S	x	AL		
	Oegonia, Mis	1900	1942	130			14	0	0		35		S	10	AL		
	Palestine, Mis	2010	1941	640			54	0	0		35		S	17	AL		
	Waltersburg, Mis	2210		20			2	0	0		37		S	19	AL		
	Tar Springs, Mis	2270	1942	830			53	0	0		35		S	16	AF		
	Cypress, Mis	2590		400			31	0	0		36		S	10	AL		
	Bethel, Mis	2735		10			1	0	0		37		S	x	AL		
	Aux Vases, Mis	2845	1941	210			17	2	0		37		S	12	AL		
	Spar Mt., Mis	2900		40			1	0	0				L	8	AC		
	McClosky, Mis	2920		#			4	0	0	35			L	6	AC		
	St. Louis, Mis	3293	1975	10			1	0	0				L	9			
	Salem, Mis	3874	1973	10			1	0	0				L	x			
	Ullin, Mis	3964	1975	10			1	0	0				L	6			
Mayberry, Wayne, 2-3S, 6E																	
			1941	710	40.2	805.1	54	7	1	43						Ord	6904
	McClosky, Mis	3350	1941	220			16	0	0		39	0.16	L	8	AC		
	Salem, Mis	3840	1977	240			15	1	0				L	8			
	Ullin, Mis	4300	1977	110			9	1	1				L	25			
	Dutch Creek, Dev	5300	1984	210			16	5	0				S	22			
Mayberry N, Wayne, 2S, 6E																	
			1948	60	0.0	1.4	4	0	0	3						Dev	5390
	McClosky, Mis	3330	1948	40			2	0	0		39		L	2			
	Salem, Mis	4137	1982	20			1	0	0				L	x			
	Ullin, Mis	4190	1981	10			1	0	0				L	4			
				ABO 1950, REV 1981													
Mayberry S, Hamilton, Wayne, 3S, 6E																	
			1981	90	2.0	48.5	5	0	0	5						Mis	4350
	Salem, Mis	4180	1981	80			4	0	0				L	6			
	Ullin, Mis	4350	1981	10			1	0	0				L	5			

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of dis- covery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned 1986	Pro- ducing end of year	GR. API	Sul- fur per- cent	Kind of rock	Thi- ckn- ess	Str- uct- ure	Zone	Depth (ft)	
Mechanicsburg, Sangamon, 16N, 3W																	
	Silurian	1734	1972	150	8.3	254.0	11	0	0	8		L	16	MU	Sil	1826	
*Melrose, Clark, 9N, 13W																	
	Isabel, Penn	840	1953	180	2.7	x	16	0	0	5	35	S	10		Pen	914	
Melrose S, Clark, 9N 13W																	
	Isabel, Penn	865	1953	20	0.0	0.0	2	0	0	0	35	S	7		Pen	888	
				ABO 1959, REV 1964, ABO 1969													
*Miletus, Marion, 4N, 4E																	
		1947	510	0.8	380.7	36	4	0	24					A	Oev	4000	
	Benoist, Mis	2140	130			8	0	0		35		S	7	A			
	Aux Vases, Mis	2200	170			11	0	0		36		S	7	A			
	McClosky, Mis	2350	290			18	4	0		36		L	5	A			
	Carper, Mis	3650	10			1	0	0				S	30				
	Hardin, Oev	3820	10			1	0	0				S	5				
Millersburg, Bond, 4N, 4W																	
	Oevonian	2130	1967	20	0.4	15.6	3	0	0	1	38	S	2		Oev	2185	
				ABD 1971													
*Mill Shoals, White, Hamilton, Wayne, 2-4S, 7-8E																	
		1939	4250	228.4	13437.2	359	18	2	175					A	Oev	5606	
	Cypress, Mis	2910	20			2	0	0				S	10				
	Aux Vases, Mis	3245	2950			218	1	0		36 0.14		S	11	A			
	Ohara, Mis	3320	1650			12	0	0				OL	11	AC			
	Spar Mt., Mis	3345	#			28	7	0				LS	8	AC			
	McClosky, Mis	3375	#			75	11	1		36		OL	5	AC			
	St. Louis, Mis	3546	20			2	0	0		39		L	10	AC			
	Salem, Mis	3970	740			49	0	0		38		L	4	A			
	Ullin, Mis	4110	90			7	0	1		38		L	10	A			
	Outch Creek, Oev	5380	20			2	0	0				S	25				
Mills Prairie, Edwards, 1N, 14W																	
	Ohara, Mis	2925	1948	20	0.0	1.9	2	0	1	0	37	L	5	MC	Mis	3010	
				ABO 1952, REV 1985, ABO 1986													
Mills Prairie N, Edwards, 1N, 14W																	
	Ohara, Mis	2925	1953	40	1.5	10.8	4	0	0	2	37	L	5	MC	Mis	3815	
				ABO 1956,REV 1984													
Mitchellsville, Saline, 10S, 6E																	
		1955	30	0.1	27.9	3	0	0	1						Mis	2452	
	Oegonia, Mis	1330	10			1	0	0		35		S	6				
	Waltersburg, Mis	1505	10			1	0	0		38		S	9				
	Cypress, Mis	2107	10			1	0	0				S	20				
*Mode, Shelby, 10N, 4E																	
		1961	360	5.6	405.4	20	0	0	15						Oev	3265	
	Bethel, Mis	1682	140			9	0	0		35		S	12				
	Benoist, Mis	1742	360			13	0	0		34		S	8				
	Aux Vases, Mis	1772	40			3	0	0		37		S	8				
*Montrose, Effingham, 8N, 7E																	
	McClosky, Mis	2523	1968	80	4.2	163.9	6	0	0	3		L	7		Oev	4106	
*Montrose N, Cumberland, 9N, 7E																	
	McClosky, Mis	2500	1969	20	0.0	20.8	2	0	0	2		OL	10		Oev	3980	
*Mt. Auburn C, Christian, 15N, 1-2W																	
	Silurian	1920	1943	7830	118.3	7238.5	474	4	1	153	37	0.28	L	15	MU	Trn	2577
*Mt. Carmel ++, Wabash, 1N, 1S, 12W																	
		1939	5050	104.4	19560.7	580	1	3	174					A	Oev	4237	
(Continued on next page)																	

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Mt. Carmel ++, Wabash, 1N, 1S, 12W																	
(Continued from previous page)																	
	Bridgeport, Penn	1370	1946	1220		6	0	0		34		S	20	AL			
	Biehl, Penn	1470		#		74	1	1		36	0.28	S	20	AL			
	Jordan, Penn	1520		#		6	0	0				S	15	AU			
	Palestine, Mis	1580		60		5	0	0		35		S	10	AL			
	Waltersburg, Mis	1690		30		3	0	0		36		S	10	AL			
	Tar Springs, Mis	1790	1939	460		38	0	0		36		S	13	AL			
	Jackson, Mis	2020	1945	10		1	0	0				S	25	AL			
	Cypress, Mis	2025	1940	3840		348	0	0		38	0.17	S	15	AL			
	Sample, Mis	2095		180		4	0	0		37		S	7	AL			
	Bethel, Mis	2110		#		13	0	0		35		S	16	AL			
	Aux Vases, Mis	2520	1981	80		5	0	0				S					
	Ohara, Mis	2320		1430		26	0	1		35		OL	5	AC			
	Spar Mt., Mis	2350		#		17	0	0		39	0.26	S	5	AL			
	McClosky, Mis	2360		#		68	0	1		37	0.42	OL	6	AC			
	Salem, Mis	2696	1966	100		7	0	0				L	14				
	Ullin, Mis	3097	1978	20		2	0	0				L	10				
	Fort Payne, Mis	3561		10		1	0	0				L	61				
Mt. Erie N, Wayne, 1N, 9E																	
	Aux Vases, Mis	3110	1944	330	4.6	511.5	26	2	1	11		S	8	M	Mis	4101	
	Ohara, Mis	3170	1949	230			8	0	0		40	L	6	ML			
	McClosky, Mis	3240	1944	#			3	0	0		37	L	5	MC			
					ABD 1966, REV 1967		13	2	1								
Mt. Olive +, Montgomery, 8N, 5W																	
	Pottsville, Penn	605	1942	80	0.3	x	7	0	0	5	33	0.16	S	6	A	Sil	1878
Mt. Vernon, Jefferson, 3S, 3E																	
	Aux Vases, Mis	2665	1943	250	1.9	421.6	19	0	0	7		S	8	A	Mis	3262	
	Ohara, Mis	2750	1943	180			5	0	0		36	L	6	AC			
	McClosky, Mis	2800	1943	#			2	0	0			L	7	AC			
							14	0	0		39	0.18					
Mt. Vernon N, Jefferson, 2S, 3E																	
	McClosky, Mis	2675	1956	30	1.0	71.4	3	0	0	3					Mis	3133	
	St. Louis, Mis	3010	1981	20			2	0	0		38	L	6				
				10			1	0	0			L	8				
Murdock, Oouglas, 16N, 10E																	
	Pennsylvanian	370	1955	10	0.0	0.0	3	0	0	0	36	S	16		Pen	424	
					ABD 1957, REV 1961, ABO 1968												
Nashville, Washington, 2S, 3W																	
	Devonian	2625	1973	580	190.2	1477.6	48	11	1	38					Ord	3776	
	Silurian	2650	1973	500			11	6	0			D	20				
							39	5	1	41		L	40	R			
Nashville N, Washington, 1-2S, 3W																	
	Devonian	2750	1979	890	82.1	931.1	54	3	0	53		D	x	U	Sil	2893	
Nason, Jefferson, 3-4S, 2E																	
	Ohara, Mis	2758	1943	70	7.1	134.6	6	0	0	4				ML	Dev	4694	
	Spar Mt., Mis	2790	1943	50			1	0	0		37	L	4				
	McClosky, Mis	2810	1983	#			2	0	0		37	S	12	ML			
	Salem, Mis	3450	1984	20			1	0	0			L	4				
							2	0	0			L	4				
Neoga, Cumberland, 10N, 7E																	
	Carper, Mis	3510	1983	10	0.0	0.0	1	0	0	1	0	S	15		Sil	4007	
New Baden E, Clinton, 1N, 5W																	
	Silurian	1935	1958	290	3.0	305.2	23	0	0	12	39	L	15	R	Sil	2200	
New Bellair, Crawford, 8N, 13W																	
	Isabel, Penn	650	1942	140	0.0	10.7	10	0	0	2				M	Dev	2842	
	Cypress, Mis	1165	1942	70			2	0	0		32	S	3	ML			
	Aux Vases, Mis	1280	1956	60			5	0	0		29	0.30	S	10	ML		
					ABO 1948, REV 1952, ABO 1954, REV 1956		3	0	0			S	20	M			

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
New City, Sangamon, 14N, 4W																	
	Silurian	1730 1954	440	0.3	233.2	39	0	0	8	39		L	11	MU	Sil	1855	
New City S, Christian, 14N, 4W																	
	Silurian	2008 1963	20 ABO 1974	0.0	63.4	2	0	0	0	39		L	17	MU	Sil	1918	
New Douglas S, Bond, 6N, 5W																	
	Pennsylvanian	640 1957	20 ABO 1960	0.0	3.4	2	0	0	0	32		S	7		Pen	705	
*New Harmony C ++, White, Wabash, Edwards, 1N, 1-5S, 13-14W																	
		1939	28920	1086.3	171221.4	2982	31	15	1263								
	Jamestown, Penn	720	1960			5	0	0		32		S	13	A	Shk	7682	
	Mansfield, Penn	x	#			0	0	0				S	x	AL			
	Bridgeport, Penn	1340	#			11	0	0				S	7	AL			
	Biehl, Penn	1850	#			139	0	0		33		S	20	AL			
	Jordan, Penn	1760	#			0	0	0				S	x	AL			
	Oegonia, Mis	1925	150			12	0	0		34		S	10	AL			
	Clore, Mis	1980	100			11	0	0		36		S	10	AL			
	Palestine, Mis	2000	270			23	0	0		25		S	10	AL			
	Waltersburg, Mis	2155	1480			143	1	0		36 0.40		S	20	AL			
	Tar Springs, Mis	2215	2680			228	1	3		35 0.19		S	26	ALF			
	Hardinsburg, Mis	2290 1958	40			3	0	0		35		L	10	ALF			
	Cypress, Mis	2570	11290			1103	0	3		35		S	20	ALF			
	Sample, Mis	2660	11980			62	0	2		36		S	20	ALF			
	Bethel, Mis	2700	#			959	6	3		37 0.24		S	27	ALF			
	Renault, Mis	2761	180			14	2	0		34			8				
	Aux Vases, Mis	2800	8750			651	19	2		37 0.19		S	15	ALF			
	Ohara, Mis	2900	6620			89	3	1		39		OL	6	AC			
	Spar Mt., Mis	2910	#			57	0	1		38		LS	10	AC			
	McClosky, Mis	2925	#			348	1	2		37 0.33		OL	8	AC			
	St. Louis, Mis	3153 1953	1330			82	4	2		36		L	x	AC			
	Salem, Mis	3364 1959	1050			72	1	0		37		L	16	AC			
	Ullin, Mis	3755	570			42	4	0		36		L	6	AC			
	Fort Payne, Mis	4500 1978	710			28	0	0				0					
New Harmony S (111), White, 5S, 14W																	
		1941	90	0.0	113.3	8	0	0	1								
	Waltersburg, Mis	2250 1941	30			3	0	0		35		S	18	A	Mis	4620	
	Tar Springs, Mis	2350	10			1	0	0		36		S	16	AF			
	Cypress, Mis	2670 1951	10			1	0	0		35		S	8	AF			
	Bethel, Mis	2815	20			2	0	0		36		S	10	AF			
	Aux Vases, Mis	3005 1949	10			1	0	0		37		S	7	AF			
	McClosky, Mis	3010	20			1	0	0		37		L	5	AF			
*New Harmony S (Ind) ++, White, 5S, 14W																	
		1946	50	0.0	446.4	6	0	0	1								
	Oegonia, Mis	1850	20			2	0	0		35		S	8	T	Mis	3068	
	Palestine, Mis	1955	50			1	0	0		24		S	10	TF			
	Waltersburg, Mis	2120	50			3	0	0		37		S	30	TF			
*New Haven C ++, White, 7S, 10-11E																	
		1941	780	38.5	3015.8	70	0	0	39								
	Degonia, Mis	1789 1975	10			1	0	0				S	6	A	Mis	3900	
	Tar Springs, Mis	2105 1941	330			25	0	0		38 0.27		S	12	AF			
	Hardinsburg, Mis	2245	10			1	0	0		36		S	8	AF			
	Cypress, Mis	2445 1949	480			26	0	0		39		S	12	AF			
	Aux Vases, Mis	2720	130			11	0	0		37		S	15	AF			
	Ohara, Mis	2799 1959	170			2	0	0				L	12	A			
	Spar Mt., Mis	2828 1960	#			3	0	0				L	15	A			
	McClosky, Mis	2820	#			6	0	0		35		OL	6	AC			
New Hebron E +, Crawford, 6N, 12W																	
	Aux Vases, Mis	1555 1954	50 ABO 1965	0.0	0.3	4	0	0	0	35		S	4		Mis	1571	
*New Memphis Consolidated, Clinton, 1N, 1S, 5W																	
	Silurian	1980 1952	1330	61.2	3242.4	82	0	1	77	40		L	15	R	Trn	2900	
New Memphis S, Clinton, Washington, 1S, 5W																	
	Silurian	2000 1952	20 ABO 1952, REV 1956, ABO 1961	0.0	0.7	2	0	0	0	41		L	25	R	Ord	2914	

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Newton, Jasper, 6N, 9E																	
	Ste. Gen., Mis	2950 1944	50	1.2	118.9	6	0	0	1	37		L	6	MC	Mis	3040	
			ABD 1962,REV 1969														
Newton N, Jasper, 7N, 10E																	
	McClosky, Mis	2855 1945	100	0.2	10.2	7	0	0	1	37		L	5	MC	Mis	2968	
			ABO 1948,REV 1960,ABD 1966,REV 1976														
Newton W, Jasper, 6-7N, 9E																	
	Spar Mt., Mis	2912 1947	790	4.1	360.8	50	0	0	21							Dev 4570	
	McClosky, Mis	3000 1947	790			17	0	0									
			ABD 1947,REV 1952,ABD 1953,REV 1961			40	0	0		38		L	5	MC			
Noble W, Clay, 3N, 8E																	
	Benoist, Mis	2880 1981	80	1.2	30.2	7	0	0	3						Mis	3712	
	Aux Vases, Mis	1955 1981	10			1	0	0				S	8				
	McClosky, Mis	3035 1951	50			1	0	0		36		S	5				
	St. Louis, Mis	3395 1982	10			4	0	0				L	8				
	Salem, Mis	3646 1979	40			1	0	0				L	5				
	Ullin, Mis	3695 1979	10			4	0	0				L	13				
			ABO 1959			1	0	0				L	5				
Morris City W, White, 6S, 8E																	
	Ullin, Mis	4204 1978	10	0.0	3.2	1	0	0	1			L	14		Mis	4460	
*Oakdale, Jefferson, 2S, 4E																	
	Aux Vases, Mis	2860 1956	490	4.8	910.0	37	0	0	6						Mis	3850	
	McClosky, Mis	2985 1956	410			28	0	0		38		S	35				
			110			10	0	0		37		L	5				
*Oakdale N, Jefferson, 2S, 4E																	
	McClosky, Mis	2932 1960	190	5.5	737.0	18	0	1	10						Mis	3725	
	St. Louis, Mis	2990 1982	170			13	0	1		37		OL	5				
	Salem, Mis	3400 1983	60			4	0	0				L	15				
			10			1	0	0				L	6				
Oak Grove (Ind), Gallatin, 8S, 11E																	
	Cypress, Mis	2410 1984	10	2.2	3.6	1	0	0	1			S	6		Mis	2861	
Oakley, Macon, 16N, 3E																	
	Cedar Valley, Oev	2285 1954	190	0.2	25.8	12	1	0	2	37		L	5		Si	2391	
			ABO 1965,REV 74,ABD 80,REV 82														
*Oak Point, Clark, Jasper, 8-9N, 14W																	
	Isabel, Penn	560 1952	790	0.0	583.5	64	0	1	29						Oev	2691	
	Aux Vases, Mis	1185 1955	10			1	0	0				S	10	M			
	Carper, Mis	2220 1952	690			56	0	0		37		S	17	ML			
			90			7	0	0				S	x	ML			
Oak Point W, Clark, Cumberland, 9N, 11E, 14W																	
	Aux Vases, Mis	1190 1955	130	0.0	19.7	13	0	0	8						Mis	1560	
	Spar Mt., Mis	x 1980	120			11	0	0		35		S	8				
	McClosky, Mis	1270 1981	20			1	0	0				S	8				
						1	0	0				L	4				
Oconee, Shelby, 10N, 1E																	
	Lingle, Oev	2850 1975	70	0.0	26.7	4	0	0	3			S	6		Oev	3139	
*Odin, Marion, 2N, 1-2E																	
	Cypress, Mis	1750 1945	350	2.0	1904.4	34	0	0	22						Oev	3597	
	Benoist, Mis	1912 1963	340			30	0	0		37		S	13	A			
	McClosky, Mis	2085 1957	10			1	0	0		37		S	3				
			30			4	0	0		37		L	12	A			
Okawville, Washington, 1S, 4W																	
	Silurian	2325 1951	50	0.0	63.3	4	0	0	0	40		L	3	R	Si	2603	
			ABO 1969														

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Okawville NC, Washington, 1S, 4W																	
	Silurian	2200	1955	220	4.0	206.3	17	0	0	11	40		L		R	Ord	3070
*Old Ripley, Bond, 5N, 4W																	
	Pennsylvanian	600	1954	930	39.9	706.4	93	0	0	55			S	17	A	Ord	3085
	Benoist, Mis	875	1982	20			90	0	0	34			S	5			
	Aux Vases, Mis	941	1964	10			2	0	0	36			S	19			
							1	0	0								
Old Ripley N, Bond, 5N, 4W																	
	Hardin, Dev	1991	1962	20	0.0	3.0	1	0	0	0	35		S	1		Dev	2040
				ABD 1966													
Old Ripley W, Bond, 5N, 4W																	
	Devonian	x	1984	20	0.0	0.7	2	0	0	2						Dev	2084
	Lingle, Dev	2014	1984	10			1	0	0				L	x			
				10			1	0	0								
*Olney C, Richland, Jasper, 4-5N, 10																	
	Aux Vases, Mis	2918	1960	4060	46.1	8624.5	244	3	1	39			S	x	A	Mis	4030
	Ohara, Mis	3005	1943	90			6	0	0				S	6	A		
	Spar Mt., Mis	3050	1946	3990			15	0	0	37	0.19		L	5	A		
	McClosky, Mis	3100	1938	#			81	0	1	37	0.19		L	6	A		
							150	3	0	37	0.19		L				
*Olney S, Richland, 3N, 10E																	
	Ohara, Mis	3142	1937	1220	4.8	1142.2	73	0	0	23			L	4	M	Dev	4910
	Spar Mt., Mis	3100	1962	1150			1	0	0				L	4	MC		
	McClosky, Mis	3115		#			39	0	0	36			L	3	MC		
	Salem, Mis	3800	1981	70			43	0	0	37			L	3	MC		
							5	0	0				L	6			
*Omaha +, Gallatin, 7-8S, 8E																	
	Jake Creek, Penn	385	1940	1810	56.8	6747.7	169	3	1	86			S	20	D	Dev	5320
	Pennsylvanian	580		400			18	3	1				S	10	D		
	Biehl, Penn	1335	1948	#			5	0	0	26	0.24		S	10	D		
	Palestine, Mis	1700	1940	410			7	0	0	19			S	10	D		
	Tar Springs, Mis	1900		170			27	0	0	22			S	15	D		
	Hardinsburg, Mis	2179	1961	80			9	0	0	26			S	15	D		
	Cypress, Mis	2402	1959	150			6	0	0	27			S	18	O		
	Paint Creek, Mis	2450	1961	40			13	0	0	29			S	12	O		
	Bethel, Mis	2570	1955	#			1	0	0	35			S	10	O		
	Aux Vases, Mis	2730	1955	920			3	0	0	37			S	14	O		
	Ohara, Mis	2734	1958	360			69	0	0	40			S	20	O		
	Spar Mt., Mis	2722	1958	#			18	0	0	39			L	14	D		
	McClosky, Mis	2800	1961	#			5	0	0				S	8	O		
							7	0	0				L	x	O		
Omaha E, Gallatin, 8S, 8E																	
	Cypress, Mis	2530	1946	160	0.0	61.5	13	0	0	3			S	6	M	Mis	3931
	Aux Vases, Mis	2790	1957	30			3	0	0	41			S	8	M		
	Ohara, Mis	2855	1946	100			1	0	0	38			S	x	M		
	Spar Mt., Mis	2942	1960	#			3	0	0	37			L	8	MCF		
	McClosky, Mis	2884	1958	#			1	0	0				L	9	MCF		
	St. Louis, Mis	3180	1984	20			3	0	0	38			L	10	MCF		
	Salem, Mis	3720	1984	20			1	0	0				L	4			
							1	0	0				L	10			
*Omaha S, Gallatin, Saline, 8S, 7-8E																	
	Pennsylvanian	550	1951	210	21.1	125.7	15	3	0	11			S	6	A	Mis	3596
	Tar Springs, Mis	2164	1984	10			1	0	0				S	9			
	Cypress, Mis	2535	1953	90			1	1	0				S	15	AL		
	Aux Vases, Mis	2870	1955	120			5	0	0	36			S	11	A		
	Ohara, Mis	2904	1986	10			10	2	0	38			L	4			
	Spar Mt., Mis	2865	1951	10			1	1	0				L	1	AC		
							1	0	0	37			L				
				ABO 1965, REV 1969													
*Omaha W, Saline, Gallatin, 7-8S, 7-8E																	
	Cypress, Mis	2600	1950	200	14.9	535.2	17	0	0	15			S	14	A	Mis	3302
	Sample, Mis	2600	1967	110			9	0	0	38			S	12	AL		
	Aux Vases, Mis	2800	1950	30			8	0	0	38			S	30	AL		
	Ohara, Mis	2890	1983	30			3	0	0	37			L	2			
	McClosky, Mis	2910		#			1	0	0				L	8	AC		
							3	0	0	38			L				

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Omega, Marion, 3N, 4E																	
		1946	430	26.7	283.2	31	4	0	23						Mis	3500	
	Benoist, Mis	2280 1963	60			5	1	0	38		S	3					
	Renault, Mis	2360 1982	40			3	1	0			S	6					
	Aux Vases, Mis	2362 1982	40			3	0	0			S	8					
	Spar Mt., Mis	2470 1982	220			2	1	0			S	6					
	McClosky, Mis	2490 1946	#			13	1	0	38		L	10	0				
	Salem, Mis	2742 1979	70			4	0	0			L	4					
ABO 1949,REV 1963,ABD 1968,REV 1977																	
Omega NW, Marion,6,3N,4E																	
	McClosky, Mis	2402 1985	10	0.1	0.2	1	0	0	1		L	6			Mis	2410	
Opdyke, Jefferson, 3S, 4E																	
		1961	150	4.4	29.4	11	1	0	8						Mis	4000	
	Ohara, Mis	3016 1962	150			1	0	0									
	McClosky, Mis	3074 1961	#			11	1	0	37		L	8					
ABO 1967,REV 1979																	
*Orchardville C, Wayne, 1N, 5E																	
		1950	640	22.1	979.4	51	0	1	31						Mis	4030	
	Sample, Mis	2655 1958	10			1	0	0		36	S			A			
	Aux Vases, Mis	2800 1951	420			32	0	0		36	S	16		A			
	Ohara, Mis	2880	130			5	0	0		37	L	3		AL			
	McClosky, Mis	2905 1950	#			7	0	0			L	5		AC			
	Salem, Mis	3320 1980	140			11	0	1			L	8					
Orchardville N, Wayne, 1N, 5E																	
		1956	30	0.3	28.2	3	0	0	2						Dev	4684	
	Paint Creek, Mis	2655 1956	10			1	0	0			S	60					
	Aux Vases, Mis	2780 1971	20			2	0	0			S	40					
	McClosky, Mis	2925 1984	10			1	0	0			OL	6					
ABD 1964,REV 1971																	
*Orient, Franklin, 7S, 2E																	
	Aux Vases, Mis	2660 1965	40	0.0	205.2	4	0	0	4	38	S	24			Mis	3000	
Orient N, Franklin, 7S, 2E																	
	Aux Vases, Mis	2680 1967	10	0.0	0.3	1	0	0	0	38	S	4			Mis	3049	
ABO 1972																	
*Oskaloosa, Clay, 3-4N, 5E																	
		1950	610	3.1	2742.1	51	0	0	14						Sil	4605	
	Benoist, Mis	2595 1950	450			40	0	0		37	S	15		A			
	Aux Vases, Mis	2643 1958	170			12	0	0		37	S	x		A			
	McClosky, Mis	2755 1957	310			16	0	0		36	L	5		A			
	Devonian	4400 1981	30			3	0	0			L	30		A			
	Silurian	4458 1982	40			1	0	0			L	14					
*Oskaloosa E, Clay, 3N, 5-6E																	
		1947	30	0.0	35.2	2	0	0	0						Dev	4653	
	Aux Vases, Mis	2820 1947	20			1	0	0		37	S	5		A			
	McClosky, Mis	2895 1951	10			1	0	0		33	L	4		AL			
ABD 1954																	
Oskaloosa S, Clay, 3N, 5E																	
		1951	570	32.7	417.4	37	0	0	25						Ord	5860	
	Ste. Gen., Mis	2770 1951	130			11	0	0		35	L	4		AC			
	Carper, Mis	4100 1984	30			2	0	0			S	10					
	Devonian	4356 1980	410			24	0	0			L	16					
*Pana, Christian, 11-12N, 1E																	
	Benoist, Mis	1470 1951	270	25.2	349.6	19	1	0	14	37	S	8			Dev	2847	
Pana Cen, Christian, 11N, 1E																	
	Benoist, Mis	1528 1978	520	25.3	170.8	35	5	0	33		S	5			Mis	1668	
Pana S, Christian, 11N, 1E																	
	Devonian	2881 1974	130	0.0	0.1	6	0	0	3		L	5			Dev	3034	

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Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Panama +, Bond, Montgomery, 7N, 3-4W																	
	Golconda, Mis	1940	60	0.0	24.1	6	0	0	2								
	Benoist, Mis	705	40			4	0	0		31							
		865	30			3	0	0		28	L	12	A	Ord		2950	
Pankeyville, Saline, 9S, 6E																	
	Cypress, Mis	1956	30	0.0	6.1	2	0	0	0								
	Aux Vases, Mis	2250	20			2	0	0		37	S			Mis		2742	
		2511	10			1	0	0		38	S	22					
	A80 1957, REV 1961, ABO 1961																
Pankeyville E, Saline, 9S, 7E																	
	Cypress, Mis	1956	10	0.0	0.0	1	0	0	0					Mis		3160	
	Paint Creek, Mis	2250	10			1	0	0		37	S	22					
		2360	10			1	0	0		36	S	13					
	A80 1957																
*Parkersburg C, Richland, Edwards, 1-3N, 10-11E, 14W																	
	Pennsylvanian	1941	7450	136.8	12403.7	504	15	6	199					TAC	Oev	5414	
	Waltersburg, Mis	2100	1000			1	0	0		36	S	18					
	Tar Springs, Mis	2430	180			14	0	0		39	S	10	AC				
	Cypress, Mis	2440	10			1	0	0		36	S	2	AC				
	Paint Creek, Mis	2830	480			34	6	0		36	S	12	AC				
	Bethel, Mis	2910	1010			1	0	0		35	S	10					
	Aux Vases, Mis	2930	#			75	3	0		37	S	12	T				
	Ohara, Mis	3070	30			3	0	0			L	20	T				
	Spar Mt., Mis	3100	5510			15	0	0		36	0.34	OL	10	T			
	McClosky, Mis	3150	#			72	2	0		36	0.31	OL	10	TC			
	St. Louis, Mis	3175	40			241	3	0				7					
	Salem, Mis	3330	730			3	0	0				4	C				
	Ullin, Mis	3796	20			51	2	6									
		3966				2	0	0									
Parkersburg S, Edwards, 1N, 14W																	
	Pennsylvanian	1948	940	107.9	577.6	75	9	0	65					Mis		3895	
	Cypress, Mis	1400	80			8	0	0		41	S	10					
	Paint Creek, Mis	2750	270			25	5	0		36	S	10					
	Bethel, Mis	2798	50			6	4	0			S	6					
	Ohara, Mis	2815	360			26	3	0		35	S	5					
	McClosky, Mis	3039	80			1	0	0			L	5					
	Salem, Mis	3104	#			3	0	0			L	5					
		3690	80			11	0	0			L	10					
Parkersburg W, Richland, Edwards, 2N, 10E																	
	Aux Vases, Mis	1943	360	0.6	251.4	22	0	0	3					A	Mis	4132	
	Ohara, Mis	3142	10			1	0	0			S	8					
	McClosky, Mis	3220	330			2	0	0			L	5	AC				
	Salem, Mis	3260	#			18	0	0		38	L	6	AC				
		3789	140			2	0	0			L	5					
	ABO 1962, REV 64, ABO 65, REV 76, ABO 78, REV 80																
Parnell, Dewitt, 21N, 4E																	
	Sonora, Mis	1963	670	2.9	261.2	45	0	0	44					Trn		1971	
	Oevonian	671	650			42	0	0		32	S	12					
		1100	20			3	0	0		37	S	12					
Passport N, Richland, 5N, 9E																	
	Aux Vases, Mis	1940	80	1.1	83.8	7	1	0	4	36	S	10		Mis		3656	
*Passport S, Richland, Clay, 4N, 8-9E																	
	Tar Springs, Mis	1948	180	2.3	184.5	14	0	0	3					A	Mis	3723	
	Cypress, Mis	2368	10			1	0	0		37	S	9					
	Aux Vases, Mis	2665	110			9	0	0		38	S	15	AL				
	Spar Mt., Mis	2957	10			1	0	0		36	S	8	A				
	McClosky, Mis	3025	40			1	0	0			L	6	AC				
	Salem, Mis	3030	#			2	0	0		38	L	8	AC				
			20			1	0	0			L						
Passport W, Clay, 4N, 8E																	
	Ste. Gen., Mis	1954	180	0.0	69.7	13	0	1	0	37	L	5	AC	Mis		3640	
	ABO 1967, REV 1971, ABO 74, REV ABO 1982																
*Patoka, Marion, Clinton, 3-4N, 1E, 1W																	
	Cypress, Mis	1937	1560	12.0	14859.1	242	0	0	104					AR	Ord	4056	
	Benoist, Mis	1280	60			8	0	0		39	S	10	A				
		1410	1000			180	0	0		37	0.16	S	27	ARd			
(Continued on next page)																	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone		Deepest test	
				Ouring 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone
*Patoka, Marion, Clinton, 3-4N, 1E, 1W															
						(Continued from previous page)									
	Aux Vases, Mis	1459 1970	40			3	0	0				S	13		
	Spar Mt., Mis	1550	510			15	0	0		39	0.31	S	9	A	
	Geneva, Dev	2835 1943	30			3	0	0		40	0.28	D	10	AR	
	Trenton, Ord	3950 1956	630			34	0	0		42		L	25	A	
*Patoka E, Marion, 4N, 1E															
	Cypress, Mis	1340 1941	580	35.8	6076.3	66	0	0	36			S	16	R	Ord 4178
	Benoist, Mis	1465	50			56	0	0		36	0.18	S	10	Rd	
	McClosky, Mis	1635 1953	40			5	0	0		36	0.23	S	10	Rd	
	Geneva, Dev	2950 1952	20			3	0	0		34		L	8	Rd	
						2	0	0		35		D	30	R	
*Patoka S, Marion, 3N, 1E															
	Cypress, Mis	1350 1953	1060	19.0	2709.7	88	0	0	67			S	10	A	Ord 4041
	Benoist, Mis	1461 1959	830			63	0	0		36		S	15	A	
	Spar Mt., Mis	1624 1959	50			20	0	0		37		S	5	A	
	Devonian	2978 1979	40			2	0	0				S	10	A	
	Trenton, Ord	3990 1973	200			6	0	0	43			L	18		
Patoka W, Fayette, 4N, 1W															
	Benoist, Mis	1380 1950	200	0.0	303.6	20	0	0	0	32		S	6	A	Mis 1735
			ABD 1965												
Pawnee, Sangamon, 14N, 4W															
	Silurian	1740 1983	70	0.0	3.1	4	0	0	4			L	7		Sil 1790
*Phillipstown C, White, Edwards, 3-5S, 10-11E, 14W															
	Anvil Rock, Penn	795 1939	8860	517.6	35324.7	851	15	8	481			S	10	A	Oev 5350
	Pennsylvanian	1450 1943	1850			1	0	0		36		S	10	AF	
	Bridgeport, Penn	1350	#			17	0	0		36		S	10	AF	
	Buchanan, Penn	1550	#			14	0	1		36		S	10	AF	
	Biehl, Penn	1875	#			27	1	1		30		S	15	AF	
	Kinkaid, Mis	1954 1961	10			86	0	0		33	0.22	S	15	AF	
	Oegonia, Mis	1975 1943	820			1	0	0				S	17	AF	
	Clore, Mis	2010 1942	180			67	0	0		38		S	15	AF	
	Palestine, Mis	2050 1942	140			17	0	0		34		S	12	AF	
	Waltersburg, Mis	2280 1943	280			14	0	0		32		S	11	AF	
	Tar Springs, Mis	2295 1943	1530			26	0	0		34		S	11	AF	
	Cypress, Mis	2720 1943	750			123	0	0		35		S	15	AF	
	Paint Creek, Mis	2780 1944	1830			62	1	0		36		S	12	AF	
	Bethel, Mis	2810 1943	#			8	0	0		37		S	9	AF	
	Renault, Mis	2900 1983	10			131	0	1		36		S	15	AF	
	Aux Vases, Mis	2820 1939	1490			1	0	0				S	10		
	Ohara, Mis	3010 1943	2830			114	1	1		37		S	15	AF	
	Spar Mt., Mis	2960	#			47	3	1		36		L	10	ACF	
	McClosky, Mis	3000 1939	#			45	1	0		38	0.21	LS	6	ACF	
	St. Louis, Mis	3120 1976	80			108	4	2		34	0.21	L	20	ACF	
	Salem, Mis	3798 1978	1000			8	0	1				L	8		
	Ullin, Mis	3982 1980	210			64	4	1				L	8		
						19	2	0				L			
Pinkstaff, Lawrence, 4N, 11W															
	McClosky, Mis	1735 1951	10	0.0	0.0	1	0	0	0	37		L	4		Mis 2290
			ABD 1951												
Pinkstaff E, Lawrence, 4N, 11W															
	Ste. Gen., Mis	1640 1955	130	0.5	x	9	0	0	2	35		L	6		Mis 2250
			ABD 1961, REV 1975												
Pittsburg N +, Williamson, 8S, 3E															
	Bethel, Mis	2459 1964	40	2.3	96.9	4	0	0	3			S			Mis 3070
	Aux Vases, Mis	2578 1972	10			1	0	0				S	8		
		2578 1964	30			3	0	0				S	8		
Pixley, Clay, 4N, 8E															
	Cypress, Mis	2680 1959	430	9.8	183.5	26	0	0	19			S	9		Mis 3815
	McClosky, Mis	3050 1981	20			2	0	0		35		S	3		
	Salem, Mis	3538 1980	370			3	0	0				L	3		
			ABD 1960, REV 1980			22	0	0				L			
Plainview +, Macoupin, 9N, 8W															
	Pennsylvanian	410 1942	20	0.0	2.0	2	0	0	1	34		S	5		Oev 1357

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				Ouring 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Plainview S, Macoupin, 8N, 8W																	
	Pennsylvanian	444 1959	20	0.0	0.1	2	0	0	1	34		S	8		Pen	642	
			ABO 1962,REV		1985												
Posen, Washington, 3S, 2W																	
	Trenton, Ord	3900 1952	50	2.2	132.1	4	0	0	1	37		L	25	A	Ord	4153	
Posen N, Washington, 3S, 2W																	
	Trenton, Ord	4015 1953	10	0.0	3.9	1	0	0	0	37		L	15	AC	Ord	4112	
			ABO 1959														
Posen S, Washington, 3S, 2W																	
	Benoist, Mis	1255 1955	80	0.2	2.8	7	0	0	3	34		S	70		Ord	3980	
			ABO 1959,REV		1982												
Posey, Clinton, 1N, 2W																	
	Cypress, Mis	1105 1941	370	17.4	650.6	33	0	0	29						Ord	3784	
	Oevonian	2675 1959	350			31	0	0		36	0.18	S	5	M			
			20			2	0	0		38		L	5	M			
Posey E, Clinton, 1N, 2W																	
	Oevonian	2740 1952	520	17.1	764.3	30	0	0	26	38		L	8		Oev	2850	
Posey W, Clinton, 1N, 3W																	
	Oevonian	2585 1954	20	0.2	4.5	2	0	0	1	37		L	15		Sil	2670	
			ABO 1954,REV		1977												
Prentice +, Morgan, 16N, 8W																	
	Pennsylvanian	270 1953	30	0.0	0.0	3	0	0	0	30		S	10		Ord	1513	
Pyramid, Washington, 2S, 1W																	
	Oevonian	3109 1962	250	31.5	188.0	15	2	0	9						Ord	4342	
	Trenton, Ord	4200 1982	140			9	0	0		36		O	6	U			
			120			6	2	0				L	6				
			ABO X,REV		1982												
*Raccoon Lake, Marion, 1N, 1E																	
	Cypress, Mis	1625 1949	380	4.3	3476.2	47	0	0	13						Sil	3530	
	Benoist, Mis	1715 1957	240			18	0	0		34	S	10	OR				
	Ohara, Mis	1885 1949	190			2	0	0		37	S	15	OL				
	Spar Mt., Mis	1930 1949	#			1	0	0			L	5	OC				
	McClosky, Mis	1950 1949	#			11	0	0		36	S	12	OC				
	Oevonian	3330 1951	270			13	0	0		36	L	10	OC				
						15	0	0		40	O	10	Rd				
*Raleigh, Saline, 7-8S, 6E																	
	Palestine, Mis	2040 1953	740	9.0	2337.5	62	2	1	17					A	Oev	5511	
	Waltersburg, Mis	2230 1984	40			2	1	0			S	4					
	Tar Springs, Mis	2235 1954	10			1	0	0			S	4					
	Cypress, Mis	2550 1953	450			2	0	0		35	S	20	A				
	Paint Creek, Mis	2738 1958	10			39	0	0		34	S	12	A				
	Aux Vases, Mis	2905 1953	100			1	0	0		34	S	5	A				
	Ohara, Mis	3054 1959	60			11	0	0		38	S	5	A				
	Spar Mt., Mis	3025 1957	#			2	0	0			L	3	A				
	McClosky, Mis	3045 1974	#			3	0	0		38	LS	10	A				
	St. Louis, Mis	3500 1984	20			1	0	0			OL	4					
	Salem, Mis	3724 1984	30			2	1	1			L	4					
*Raleigh S +, Saline, 8S, 5-6E																	
	Waltersburg, Mis	2046 1955	950	38.6	2091.8	76	1	0	52						Mis	4400	
	Tar Springs, Mis	2165 1984	60			4	0	0		39	S	10					
	Bethel, Mis	2739 1958	10			1	1	0			S	9					
	Aux Vases, Mis	2860 1955	790			1	0	0		37	S	8					
	Ohara, Mis	2940 1984	100			64	0	0		40	S	16					
	Spar Mt., Mis	2950 1981	#			2	0	0			L	8					
	McClosky, Mis	2960 1974	#			5	0	0			S	10					
	St. Louis, Mis	2273 1984	10			2	0	0			OL	13					
	Salem, Mis	3960 1984	10			1	1	0			L	12					
						1	0	0			L	4					
Raymond, Montgomery, 10N, 4-5W																	
	Pottsville, Penn	590 1940	140	7.2	50.4	22	2	1	14	35	0.22	S	10	ML	Oev	2400	

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Raymond E, Montgomery, 10N, 4W																	
	Pennsylvanian	595	1951	110	0.7	38.0	9	1	0	6	34	S	10		Mis	1008	
Raymond S, Montgomery, 10N, 4W																	
	Pennsylvanian	603	1959	10 ABO 1959	0.0	0.0	1	0	0	0	34	S	6		Pen	680	
*Reservoir, Jefferson, 1S, 3E																	
	Aux Vases, Mis	2415	1950	590	19.2	770.3	40	1	2	22				MC	Oev	4304	
	Spar Mt., Mis	2443	1983	20			1	0	0			S	5				
	McClosky, Mis	2700	1959	430			7	0	2			S	7		M		
	Salem, Mis	3034	1950	#			22	0	0		37	L	6		MC		
			1961	160			10	1	0		39	L	12		M		
*Richview, Washington, 2S, 1W																	
	Cypress, Mis	1500	1946	810	27.1	3200.4	89	3	0	62	39	S	12	AL	Mis	3291	
Ridgway, Gallatin, 8S, 8E																	
	Palestine, Mis	1730	1946	20	0.0	0.1	2	0	0	0				MC	Mis	2938	
	McClosky, Mis	2840	1955	10			1	0	0		30	S	18		ML		
			1946	10			1	0	0		38	L	6		MC		
				ABO 1946, REV 1955, ABO 1956													
Riffle, Clay, 4N, 6E																	
	Spar Mt., Mis	2735	1948	100	0.0	80.9	6	0	0	1	36	L	7	MC	Mis	3258	
				ABO 1961,REV 1981													
Rinard C, Wayne, 2N, 7E																	
	Ohara, Mis	3132	1937	310	1.0	383.6	24	0	0	3				M	Mis	3950	
	Spar Mt., Mis	3135	1977	300			1	0	0			L	6				
	McClosky, Mis	3140	1937	#			1	0	0			L	6		MC		
	Salem, Mis	3561	1976	10			21	0	0	39		L	5		MC		
							2	0	0			L	25				
Rinard S, Wayne, 1N, 6E																	
	Spar Mt., Mis	3268	1965	10	0.0	0.8	1	0	0	0	39	L	4		Mis	3863	
				ABD 1966													
Ripley N, Schuyler, 1N, 2W																	
	Devonian	620	1983	10	0.0	0.0	1	0	0	1			9		Sil	700	
Ritter, Richland, 3N, 10-11E																	
	Ste. Gen., Mis	3215	1950	110	9.3	303.1	6	0	0	1	38	L	5		Mis	3925	
				ABO 1960,REV 1961													
*Ritter N, Richland, 3N, 11E																	
	Ohara, Mis	3203	1951	190	0.0	161.3	13	2	0	2					Mis	3288	
	Spar Mt., Mis	3215	1960	190			3	2	0	39		L	6				
	McClosky, Mis	3205	1952	#			8	0	0			L	6				
			1951	#			3	0	0			L	5				
				ABO 1967, REV 1986													
Riverton S, Sangamon, 15N, 4W																	
	Silurian	1590	1965	40	0.2	94.9	3	0	1	2	38	0	8	MU	Sil	1670	
Roaches, Jefferson, 2S, 1E																	
	Benoist, Mis	2000	1938	310	4.3	696.8	22	0	0	9					Oev	3840	
	Ohara, Mis	2170	1942	40			6	0	0		38	S	x		AL		
	Spar Mt., Mis	2190	1938	260			4	0	0		37	L	5		AC		
	McClosky, Mis	2250	1938	#			11	0	0		37	L	12		AC		
	St. Louis, Mis	0	1980	10			6	0	0		37	L	4		AC		
							2	0	0			L	x				
*Roaches N, Jefferson, 2S, 1E																	
	Benoist, Mis	1925	1944	450	9.3	1164.2	41	2	0	7					Trn	4996	
	Spar Mt., Mis	2115	1944	420			32	0	0		37	S	7		AA		
	McClosky, Mis	2125	1984	120			8	2	0		34	L	8		AC		
				#			1	0	0			OL	4				
(Continued on next page)																	

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Table 7 (continued)

Pool, county location by township and range	Pay zone	Depth (ft)	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
					During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-ported in 1986	Aban-doned 1986	Pro-duc-ing end of year	GR. API	Sul-fur per-cent	Kind of rock	Thi-ckn-ess	Str-uct-ure	Zone	Depth (ft)
*Roaches N, Jefferson, 2S, 1E																	
	St. Louis, Mis	2420	1982	10			1	0	0				L	5			
	Trenton, Ord	4852	1962	10			1	0	0		42		L	44			
Roby, Sangamon, 15N, 3W																	
	Devonian	1734	1949	400	21.1	480.5	32	3	0	18			L	40	Si1	1905	
	Silurian	1775	1949	400			31	2	0		38		L	5	MU		
							ABD 1951, REV 1954										
Roby E, Christian, Sangamon, 15N,2-3W																	
	Devonian	1757	1970	1800	42.8	2160.7	115	0	1	72			S		MU	2002	
	Silurian	1840	1971	20			2	0	0				L	2			
			1970	1810			114	0	1					20			
Roby N, Sangamon, 16N, 3W																	
	Silurian	1699	1962	60	0.0	19.3	5	0	0	1	38		L	4	MU	Trn 2300	
							ABD 1964,REV 71,ABD 73,REV 79										
Roby S, Christian, 15N, 3W																	
	Silurian	1780	1984	210	41.9	150.6	16	6	0	16			L	x	MU	Si1 1940	
Roby W, Sangamon, 15N, 3W																	
	Hibbard, Dev	1655	1957	70	0.0	7.5	7	1	0	5	37		S	5	CU	Trn 2259	
							ABO 1963, REV 1967										
*Rochester ++, Wabash, 2S, 13W																	
	Pennsylvanian	1300	1948	400	1.7	2569.2	54	0	0	19			S	16	M MCF	Mis 3450	
	Waltersburg, Mis	1940	1948	230			23	0	0		32		S	20			
	Salem, Mis	3210	1977	20			30	0	0				L	30			
							2	0	0								
*Roland C +, White, Gallatin, 5-7S, 8-9E																	
	Pennsylvanian	1410	1939	12630	432.8	61094.8	1125	22	2	418			S	10	A	Dev 5271	
	Degonia, Mis	2065	1954	30			6	0	0				S	7	A		
	Clore, Mis	1993	1947	90			4	0	0				S	4	A		
	Palestine, Mis	2085	1946	40			7	0	0				S	2	A		
	Waltersburg, Mis	2200		1890			4	0	0				S	15	AL		
	Tar Springs, Mis	2300	1940	760			126	0	1	31	0.25		S	15	AL		
	Hardinsburg, Mis	2550	1940	2120			52	0	0	35			S	20	AL		
	Golconda, Mis	2505	1955	10			166	0	0	37	0.30		S	5	A		
	Cypress, Mis	2700	1943	2690			1	0	0	35			S	15	AL		
	Paint Creek, Mis	2800	1945	2460			180	8	0	36	0.12		S	12	AL		
	Bethel, Mis	2800		#			45	2	0	37			S	12	AL		
	Aux Vases, Mis	2880	1945	5010			97	3	0	37	0.20		S	13	AL		
	Ohara, Mis	3020	1943	3140			335	16	0	39	0.12		S	6	AC		
	Spar Mt., Mis	3050	1945	#			47	2	0	36			OL	6	AC		
	McClosky, Mis	3070	1939	#			44	0	0	38			L	6	AC		
	St. Louis, Mis	3250		160			138	2	1	38	0.20		L	6	AC		
	Salem, Mis	4089	1966	190			13	0	0	37			L	x			
	Ullin, Mis	4050	1967	340			17	1	0	38			L	19			
							17	0	0	38			L	4			
Roland W, Saline, 7S, 7E																	
	Aux Vases, Mis	2935	1950	10	D.D	22.3	1	0	0	0	40		S	15	ML	Mis 3161	
							ABD 1959										
Rose Hill, Jasper, 8N, 9E																	
	Spar Mt., Mis	2735	1966	930	17.5	336.5	60	1	4	49			S	3		Dev 4403	
	McClosky, Mis	2695	1981	930			5	0	0				L	10			
			1966	#			25	1	4	39							
Royalton, Franklin, 7S, 1E																	
	Renault, Mis	2540	1982	10	3.1	22.5	1	0	0	1			S	8		Dev 4515	
*Ruark, Lawrence, 2N, 12-13W																	
	Pennsylvanian	1600	1941	670	32.8	2724.4	74	4	0	38			S	10	A	Mis 2967	
	Tar Springs, Mis	1625	1941	550			58	3	0		33		S	5	AL		
	Bethel, Mis	2075	1984	10			1	1	0				S	11	AL		
	Aux Vases, Mis	2145		100			9	0	0	36			S	7	AL		
	Ohara, Mis	2275	1954	40			4	0	0	37			S	5	AC		
				20			2	0	0	37			L				

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Ruark W C, Lawrence, 2N, 13W																	
		1947	750	10.6	1589.2	67	0	0	27				M	Mis	3211		
	Waltersburg, Mis	1780 1947	50			7	0	0		38	S	10	ML				
	Cypress, Mis	2165 1952	10			1	0	0		35	S	9	ML				
	Bethel, Mis	2220 1948	580			45	0	0		36	S	20	ML				
	Ohara, Mis	2350 1952	310			4	0	0			L	5	MC				
	Spar Mt., Mis	2390	#			2	0	0			L	5	MC				
	McClosky, Mis	2400 1950	#			20	0	0		38	L	3	MC				
*Rural Hill N, Hamilton, 5S, 5E																	
		1949	200	14.5	306.0	15	0	0	6				M	Dev	5120		
	Cypress, Mis	2930 1956	110			8	0	0		35	S	10	ML				
	Ohara, Mis	3330 1977	50			1	0	0			L	6					
	Spar Mt., Mis	3325 1949	#			1	0	0		37	L	8	MC				
	McClosky, Mis	3380 1981	#			1	0	0			L	7					
	St. Louis, Mis	3640 1977	20			2	0	0			L	7					
	Salem, Mis	3860 1976	20			1	0	0			L	35					
	Ullin, Mis	4220 1977	70			6	0	0			L	7					
			ABO 1950,REV 1956,ABD 1969,REV 1976														
Rushville, Schuyler, 2N, 1W																	
	Oevonian	743 1966	10	0.0	0.0	1	0	0	0	37	0	22		Trn	975		
			ABO 1969														
Rushville Central, Schuyler, 1N, 1-2W																	
	Silurian	640 1983	50	0.0	0.0	5	5	0	5		0	20		Trn	743		
Rushville Nw, Schuyler, 2N, 2W																	
	Silurian	669 1960	40	0.0	0.5	4	0	0	1	36	0	3	C	Trn	1038		
			ABO 1976,REV 1983														
Rushville S, Schuyler 1N, 1W																	
	Oevonian	580 1982	10	0.0	0.0	1	0	0	0		L	5		Oev	642		
			ABO 1984														
Russellville Gas +, Lawrence, 4-5N, 10-11W																	
	McClosky, Mis	1560 1937	40	0.0	12.9	4	0	0	1	35	L	7	AC	Oev	3133		
			ABO 1958, REV 1977														
Russellville W, Lawrence, 4N, 11W																	
	Spar Mt., Mis	1565 1955	10	0.0	2.0	1	0	0	0	37	L	22		Mis	1646		
			ABO 1957														
*St. Francisville, Lawrence, 2N, 11W																	
	Bethel, Mis	1845 1914	950	x	x	90	1	0	33	32	S	6	ML	Mis	2786		
			SEE LAWRENCE COUNTY 01V. FOR PRODUCTION														
*St. Francisville E, Lawrence, 2N, 11W																	
		1941	450	3.3	744.9	39	0	0	17				A	Mis	1961		
	Pennsylvanian	1260 1954	60			6	0	0		30	S	8	AL				
	Waltersburg, Mis	1300	10			1	0	0		37	S	6	AL				
	Hardinsburg, Mis	1460 1950	40			3	0	0		35	S	6	AL				
	Cypress, Mis	1605	60			3	0	0		36	S	15	AL				
	Bethel, Mis	1750 1941	320			25	0	0		40	0.21	20	AL				
	Spar Mt., Mis	1822 1963	10			1	0	0		36	L	5	A				
*St. Jacob, Madison, 3N, 6W																	
	Trenton, Ord	2260 1942	1050	17.3	4318.0	55	0	0	28	40	0.23	L	17	A	PC	5019	
St. Jacob E, Madison, 3N, 6W																	
		1955	50	0.0	10.2	4	0	0	3					Ord	2600		
	Hardin, Oev	1840 1955	20			1	0	0		23	S	x	U				
	Trenton, Ord	2558 1979	30			3	0	0			L	4					
			ABO 1957,REV 1979														
*St. James, Fayette, 5-6N, 2-3E																	
		1938	3340	99.0	21897.6	351	2	0	224				A	Oev	3470		
	Golconda, Mis	1555	10			1	0	0		34	L	15	A				
	Cypress, Mis	1580 1938	1900			201	1	0		37	0.31	16	A				
	Benoist, Mis	1746 1959	10			1	0	0		36	S	8	A				
	Spar Mt., Mis	1860 1954	100			10	0	0		38	L	16	A				
	Carper, Mis	3070 1961	1740			139	1	0		37	S	35	A				

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
St James E, Fayette, 6N, 3E																	
	Carper, Mis	3250	1984	10	0.0	0.1	1	0	0	0		S	6		Mis	3257	
				ABD 1984													
St. Paul, Fayette, 5N, 3E																	
	Benoist, Mis	1900	1941	380	4.6	1087.7	36	0	0	18					Dev	3650	
	Spar Mt., Mis	2080		240			18	0	0		34	0.23	S	9	A		
	Carper, Mis	3288	1963	10			1	0	0		38		L	6	A		
				290			19	0	0		36		S	28			
*Ste. Marie, Jasper, 5N, 10-11E, 14W																	
	Ste. Gen., Mis	2900	1941	1220	4.1	2122.1	73	0	0	4	37	0.14	L	8	AC	Mis	3695
Ste. Marie E, Jasper, 6N, 14W																	
	Ste. Gen., Mis	2685	1949	70	0.3	38.4	8	0	0	1	38		L	10	MC	Mis	3191
				ABD 1951, REV 66, ABD 80													
Ste. Marie W, Jasper, 5-6N, 10E																	
	Aux Vases, Mis	2720	1949	450	2.3	497.4	24	0	0	13					M	Mis	3225
	Ste. Gen., Mis	2815	1949	10			1	0	0		37		S	25	ML		
				450			24	0	0		40		L	6	MC		
*Sailor Springs C, Clay, Effingham, Jasper, 3-6N, 6-8E																	
	Jackson, Mis	2550	1938	22520	765.2	63627.4	1804	49	11	857					A	Dev	5600
	Tar Springs, Mis	2340	1941	10			1	0	0				S	10			
	Glen Dean, Mis	2390	1943	880			67	1	0		37	0.17	S	12	A		
	Cypress, Mis	2550	1942	10			1	0	0		38		L	8	A		
	Bethel, Mis	2740	1946	11160			839	11	5		38	0.28	S	12	A		
	Benoist, Mis	2780		1140			65	11	0		37		S	20	A		
	Aux Vases, Mis	2825	1942	590			50	1	0				S	10			
	Ohara, Mis	2900	1947	4430			324	19	3		37		S	13	A		
	Spar Mt., Mis	2900	1945	9410			34	6	0		37		OL	6	A		
	McClosky, Mis	2925	1938	#			258	7	1		33		LS	8	A		
	St. Louis, Mis	3310	1967	#			378	10	2		40		OL	8	A		
	Salem, Mis	3260	1978	310			33	9	1		39		L	11	A		
	Devonian	4586	1980	230			22	5	4				L	12			
				50			3	0	0					6			
Sailor Springs E, Clay, 4N, 8E																	
	Cypress, Mis	2695	1944	690	27.1	457.1	48	1	1	28					D	Mis	3809
	Spar Mt., Mis	3100	1981	120			11	1	0		36		S	8	O		
	McClosky, Mis	3020	1955	450			20	0	1				S	7			
	St. Louis, Mis	3228	1980	#			9	0	0		37		L	7	O		
	Salem, Mis	3550	1967	30			3	0	0				L	6			
				180			12	0	0		38		L	6			
				ABD 52, REV 55, ABD 56, REV 60, ABD 61, REV 66													
Sailor Springs N, Clay, 4N, 8E																	
	Spar Mt., Mis	2985	1948	100	1.7	26.7	8	0	0	3					M	Mis	3853
	McClosky, Mis	3030	1948	100			5	0	0				L	2	MC		
				#			5	0	0		37		L	2	MC		
				ABD 49, REV 50, ABD 51, REV 55, ABD 56,													
*Salem C, Marion, Jefferson, 1-2N, 1S, 1-2E																	
	Benoist, Mis	1780	1938	13890	1832.2	384829.1	2915	8	0	1309					A	PC	9210
	Renault, Mis	1778	1986	10900			641	1	0		37		S	40	A		
	Aux Vases, Mis	1825		10			1	1	0				S	7			
	Ohara, Mis	2075		7590			822	0	0		37	0.21	S	40	A		
	Spar Mt., Mis	2100		9720			2	0	0		37		L	3	A		
	McClosky, Mis	2050		#			157	5	0		37		LS	15	A		
	St. Louis, Mis	2100		#			903	3	0		35		L	17	A		
	Salem, Mis	2160	1939	220			20	0	0		37		L	17	A		
	Devonian	3440	1939	1400			279	0	0		37		L	17	A		
	Trenton, Ord	4500	1941	6000			675	0	0		42	0.28	L	40	A		
				1930			152	0	0		37		L	50	A		
Samsville, Edwards, 1N, 11E																	
	Waltersburg, Mis	2420	1942	70	0.0	1.0	6	0	0	1	38		S	7	A	Mis	3303
				ABD 1952, REV 1974, ABD 1977													
*Samsville N, Edwards, 1N, 14W																	
	Bethel, Mis	2900	1945	210	0.0	260.9	18	0	0	1						Mis	4040
	Spar Mt., Mis	3115	1981	200			17	0	0		38		S	6	A		
				10			1	0	0				S	4			
				ABD 1976, REV 1981, ABD 1982													

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Samsville NW, Edwards, 1N, 10E																	
		1955	140	6.0	38.4	8	0	0	5							Mis	4150
	Ohara, Mis	3190 1955	130			5	0	0	38			L	4				
	Spar Mt., Mis	3301 1970	#			2	0	0				L	10				
	McClosky, Mis	3290 1980	#			2	0	0				OL	5				
	Salem, Mis	3872 1980	20			2	0	0				L	20				
	ABD 1956,REV 70,ABO 72,REV 80																
Sandoval, Marion, 2N, 1E																	
		1909	510	5.0	6444.3	161	0	0	16							Stp	5023
	Cypress, Mis	1400 1909	20			1	0	0			37	S	10	R			
	Benoist, Mis	1540 1909	480			124	0	0			35	S	20	Rd			
	Geneva, Oev	2920	260			35	0	0			38 0.38	S	9	Rd			
Sandoval W, Clinton, 2N, 1W																	
	Cypress, Mis	1420 1946	20	0.0	26.3	2	0	0	1	37		S	4	A	Mis	1604	
	ABD 1960,REV 1981																
Santa Fe, Clinton, 1N, 3W																	
	Cypress, Mis	955 1944	10	0.0	1.5	1	0	0	0	34		S	10	A	Oev	2542	
	ABO 1947																
Santa Fe E, Washington, 1N, 3W																	
	Silurian	2600 1982	10	0.0	1.3	1	0	0	1			L	8		Sil	2664	
*Schnell, Richland, 2N, 9E																	
		1938	220	0.6	388.5	18	0	0	7							Mis	3690
	Aux Vases, Mis	2956 1969	130			8	0	0				S	10				
	Spar Mt., Mis	3090 1974	120			1	0	0				S	15				
	McClosky, Mis	3000 1938	#			10	0	0			39 0.19	OL	5	AC			
Schnell E, Richland, 2N, 9E																	
		1954	170	3.2	85.8	12	0	0	9							Mis	3776
	Spar Mt., Mis	3101 1978	170			6	0	0				S	5				
	McClosky, Mis	3115 1954	#			7	0	0			38	L	4	AC			
	ABO 1954,REV 1978																
Sciota, McDonough, 7N, 3W																	
	Oevonian	519 1960	10	0.0	0.0	1	0	0	0	28		L	16		Sil	760	
	ABO 1960																
*Seminary, Richland, 2N, 10E																	
		1945	120	0.0	228.8	9	0	0	1							Mis	3845
	McClosky, Mis	3195 1945	120			9	0	0			38	L	x	MC			
	Salem, Mis	3750 1981	10			1	0	0				L	4				
	ABD 1966,REV 1981																
*Sesser C, Franklin, 5-6S, 1-2E																	
		1942	1960	63.2	4128.3	132	2	0	88							Oev	4688
	Cypress, Mis	2455 1953	50			3	0	0			38	S	5	A			
	Renault, Mis	2690	340			26	0	0			37 0.17	S	10	AL			
	Aux Vases, Mis	2700 1942	1440			86	1	0			38 0.17	S	10	AL			
	Ohara, Mis	2675 1951	260			8	0	0				L	8	A			
	Spar Mt., Mis	2810 1944	#			6	0	0				L	10	AC			
	McClosky, Mis	2840	#			7	1	0			39	L	5	AC			
	St. Louis, Mis	3002 1957	20			2	0	0			37	L	20	AC			
	Clear Creek, Oev	4360 1949	170			12	0	0			40	D	x	ACU			
Sharpsburg, Christian, 14N, 2W																	
		1974	40	0.0	6.1	3	0	0	1							MU	2062
	Oevonian	1972 1975	30			2	0	0				L	3				
	Silurian	1990 1974	10			1	0	0				L	3				
*Shattuc, Clinton, 2N, 1W																	
		1945	300	7.8	874.5	42	1	0	21							Ord	4146
	Cypress, Mis	1280 1945	150			15	0	0			36	S	7	A			
	Benoist, Mis	1420 1947	80			7	0	0			35	S	13	AL			
	Trenton, Ord	4020 1948	220			21	1	0			40	L	13	A			
Shattuc N, Clinton, 2N, 1W																	
	Benoist, Mis	1445 1961	10	0.0	2.4	1	0	0	0	36		S	7		Trn	4134	
	ABO 1964																

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
Shawneetown, Gallatin, 9S, 9E																	
		1945	80	0.0	16.9	6	0	0	0							Mis	2837
	Palestine, Mis	1720 1955	40			2	0	0		35	S	28	M				
	Waltersburg, Mis	1900 1955	10			1	0	0		37	S	12	M				
	Tar Springs, Mis	1960 1955	60			3	0	0		37	S	x	M				
	Cypress, Mis	2375 1956	10			1	0	0		38	S	14	M				
	Bethel, Mis	2400 1968	10			1	0	0			S	x					
	Aux Vases, Mis	2650 1945	10			1	0	0		38	S	10	MF				
ABO 1950, REV 1955, ABO 1960, REV 1968, ABO 1969																	
Shawneetown E, Gallatin, 9S, 10E																	
		1952	30	0.0	18.3	4	0	0	2							Mis	2830
	Waltersburg, Mis	1855 1955	10			2	0	0		37	S	10					
	Bethel, Mis	2480 1955	10			1	0	0		37	S	x					
	Aux Vases, Mis	2660 1952	10			1	0	0		38	S	9					
*Shawneetown N, Gallatin, 9S, 10E																	
		1948	50	0.0	104.9	4	0	0	0							Mis	3131
	Aux Vases, Mis	2750 1955	40			3	0	0		38	S	20	MF				
	McClosky, Mis	3045 1948	10			1	0	0		36	L	6	MF				
ABD 1953, REV 1955, ABD 1966																	
*Shelbyville C, Shelby, 11N, 4E																	
	Aux Vases, Mis	1860 1946	110	0.7	53.3	9	0	0	1	34	S	15	A		Mis	3301	
Shumway, Effingham, 9N, 5E																	
		1965	20	0.0	3.4	2	0	0	0							Mis	2470
	McClosky, Mis	2223 1965	10			1	0	0		37	L	3					
	St. Louis, Mis	2431 1982	10			1	0	0			L	4					
ABD 1969, REV 1982, ABD 1984																	
Sicily, Christian, 13N, 4W																	
	Silurian	1860 1956	70	0.0	69.4	7	1	0	1	39	L	16			Sil	1920	
ABO 1967, REV 1986																	
Sigel, Effingham, 9N, 6E																	
	McClosky, Mis	2350 1981	80	0.0	43.2	6	0	0	5		L	6			Ord	4702	
*Siggins, Cumberland, Clark, 10-11N, 10-11E, 14W																	
		1906	4430	x	x	1143	2	1	451		S	25	D	Trn	3341		
	1st Siggins	400	4430			912	2	0		36	S	x	D				
	2nd Siggins	460	#			99	1	0		36	S	x	D				
	3rd & 4th Siggins	580	#			209	0	1		37	S	40	D				
	Trenton, Ord	3013 1972	30			2	0	0		40	L	67					
SEE CLARK COUNTY DIV. FOR PRODUCTION																	
Siloam, Brown, 2S, 4W																	
	Silurian	603 1959	420	4.1	286.3	38	4	0	20	37	D	4	UC	Stp	1115		
*Sorento C, Bond, 6N, 4W																	
		1938	710	4.3	1965.0	61	0	0	8		S	20	A	Trn	2719		
	Pennsylvanian	570 1956	80			6	0	0		31	S	8	A				
	Lingle, Dev	1875 1938	650			55	0	0		35	S						
Sorento W, Bond, 6N, 4W																	
	Devonian	1880 1956	10	0.0	0.0	1	0	0	0	37	L			Ord	2706		
ABD 1956																	
Sparta +, Randolph, 4-5S, 5-6W																	
	Cypress, Mis	850 1888	20	0.0	x	2	0	0	0	35	S	7	D	Trn	3130		
ABD 1900																	
Sparta S, Randolph, 5S, 5W																	
	Cypress, Mis	880 1949	10	0.0	0.0	1	0	0	0	35	S	8	A	Mis	909		
ABD 1950																	
Springerton, White, 4S, 8E																	
	Aux Vases, Mis	3376 1980	90	5.2	33.0	8	0	0	6		S	x		Mis	3662		
Springerton S, White, 4S, 8E																	
		1976	840	68.0	1220.9	66	0	0	58		S	8		Mis	4500		
	Aux Vases, Mis	3325 1977	720			56	0	0									
(Continued on next page)																	

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Springerton S, White, 4S, 8E																	
							(Continued from previous page)										
	Ohara, Mis	3424	1978	160			1	0	0				L	4			
	Spar Mt., Mis	3440	1976	#			4	0	0				S	9			
	McClosky, Mis	3494	1978	#			6	0	0				L	6			
	Salem, Mis	4290	1977	10			1	0	0				L	5			
	Ullin, Mis	4385	1977	20			2	0	0				L	6			
Springfield E, Sangamon, 15N, 4W																	
	Hibbard, Oev	1625	1960	230	2.9	348.5	22	0	0	3					R	Sil	1705
	Silurian	1600	1960	220			22	0	0		37		S	4	O		
											39		O	12	R		
Spring Garden, Jefferson, 4S, 3E																	
	McClosky, Mis	3090	1977	370	92.8	859.1	20	0	0	18						Mis	3993
	Salem, Mis	3470	1983	40			18	0	0				OL	10			
							2	0	0				L	4			
*Staunton +, Macoupin, 7N, 7W																	
	Pennsylvanian	515	1952	30	0.0	4.1	2	0	0	1	35		S	11	A	Ord	2371
*Staunton W, Macoupin, 7N, 7W																	
	Pennsylvanian	505	1954	270	7.1	163.5	28	1	0	17	35		S	10		Sil	1512
*Stewardson, Shelby, 10N, 5E																	
	Aux Vases, Mis	1945	1939	360	9.2	1043.6	28	0	0	22						Oev	3414
	Spar Mt., Mis	2021	1958	70			27	0	0		38	0.18	S	9	A		
							5	0	0		37		S	4	A		
Stewardson E, Shelby, 9-10N, 6E																	
	Aux Vases, Mis	2177	1963	30	0.0	22.9	3	0	0	2						Mis	2561
	Spar Mt., Mis	2197	1963	30			1	0	0		38		S	6			
							3	0	0		37		S	6			
Stewardson W, Shelby, 10N-5E																	
	Benoist, Mis	1920	1970	30	0.0	0.0	3	0	0	2			S	5		Mis	3001
				ABD	1971,REV	1983											
Stiritz, Williamson, 8S, 2E																	
	Bethel, Mis	2470	1976	110	6.6	244.6	7	0	1	4						Dev	4669
	Aux Vases, Mis	2525	1971	70			2	0	0				S	4			
							5	0	1				S	6			
*Storms C +, White, 5-6S, 9-10E																	
	Pennsylvanian	1320	1939	5110	191.1	22523.7	474	8	2	194					AM	Dev	5308
	Biehl, Penn	1840	1951	370			12	0	0		29		S	10	A		
	Oegonia, Mis	2090	1954	180			16	0	0		35		S	4	AF		
	Clore, Mis	2100	1954	250			14	1	2		35		S	7	AL		
	Palestine, Mis	2150	1941	70			30	0	0		35		S	10	AL		
	Waltersburg, Mis	2230	1939	2740			6	0	0		35		S	12	AL		
	Tar Springs, Mis	2340	1946	300			251	1	0		32	0.28	S	15	AL		
	Hardinsburg, Mis	2476	1959	20			28	0	0		37		S	10	MF		
	Cypress, Mis	2700	1946	340			2	0	0		37		S	9	MF		
	Bethel, Mis	2810		60			25	0	0		34		S	10	MF		
	Renault, Mis	2990		20			6	1	0		37		S	x	MF		
	Aux Vases, Mis	3000	1946	1150			2	0	0		39		L	5	A		
	Ohara, Mis	3095		630			84	1	0		35		S	13	AF		
	Spar Mt., Mis	3115	1950	#			17	5	0		35		L	10	AC		
	McClosky, Mis	3055		#			30	5	0		34		L	2	AC		
	Salem, Mis	3738	1966	40			20	2	0				L	5	MC		
	Ullin, Mis	4030	1984	10			3	0	0				L	6			
							1	0	0				L	8			
*Stringtown, Richland, 4-5N, 11E, 14W																	
	Ste. Gen., Mis	3025	1941	780	9.9	1811.8	54	0	0	16	40	0.24	OL	8	AC	Mis	3855
				ABO	1975,REV	1981											
Stringtown E, Richland, 4N, 14W																	
	Spar Mt., Mis	3040	1948	420	4.4	120.5	28	0	0	16						Mis	3714
	McClosky, Mis	3010	1948	420			12	0	0				S	5			
				#			16	0	0		37		L	4			
					ABO	1950,REV											

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
																	Name and age
Stringtown S, Richland, 4N-14W																	
	Spar Mt., Mis	3117	1970	40	0.0	5.9	4	0	0	0		S	8		Mis	3786	
				ABD 1976,REV 81,ABD 82													
Stubblefield S +, Bond, 4-5N, 3-4W																	
	Pennsylvanian	540	1955	150	3.6	106.2	12	0	0	10					Dev	2455	
	Cypress, Mis	985	1955	40			3	0	0			S	15				
	Devonian	2185	1963	120			1	0	0	35		S	4				
				ABD 1956,REV 1963,ABD 1965, REV 1974													
Sumner, Lawrence, 4N, 13W																	
	McClosky, Mis	2260	1944	50	0.4	19.9	4	0	0	2	39	L	4	MC	Mis	2560	
				ABD 1953,REV 1979													
Sumner Cen, Lawrence, 4N, 13W																	
	Spar Mt., Mis	2544	1966	10	0.0	0.7	1	0	0	0	37	L	5		Mis	3100	
				ABD 1968													
Sumner S +, Lawrence, 3N, 13W																	
	Aux Vases, Mis	2620	1964	140	1.5	20.7	13	3	0	8					Mis	3223	
	Spar Mt., Mis	2670	1981	130			10	1	0	36		S	8				
				ABD 1969,REV 1980													
Sumpter, White, 4S, 9E																	
	Degonia, Mis	2140	1945	380	6.1	484.8	28	0	0	15				A	Ord	7852	
	Cloze, Mis	2195	1975	10			1	0	0			S	5				
	Tar Springs, Mis	2575	1945	290			2	0	0	37		S	18	AF			
	Hardinsburg, Mis	2655	1951	10			21	0	0	36		S	14	AF			
	Cypress, Mis	2860	1948	70			1	0	0	37		S	15	AF			
	Ohara, Mis	3222	1960	10			5	0	0	36		L	6	A			
	McClosky, Mis	3308	1984	10			1	0	0			L	5				
*Sumpter E, White, 4-5S, 10E																	
	Cypress, Mis	2795	1951	1630	20.1	3087.8	104	1	0	41				A	Mis	4204	
	Bethel, Mis	2922	1960	220			18	0	0	37		S	16	AL			
	Aux Vases, Mis	3020	1952	430			2	0	0	35		S	12	A			
	Ohara, Mis	3115	1951	1140			29	0	0	39		S	15	AL			
	Spar Mt., Mis	3140	1952	#			48	1	0	36		L	12	AC			
	McClosky, Mis	3150		#			18	0	0	36		L	4	AC			
							3	0	0	33		L	5	AC			
*Sumpter N, White, 4S, 9E																	
	Aux Vases, Mis	3185	1952	340	3.1	721.6	25	2	0	13					Dev	5500	
	Ohara, Mis	3270	1982	240			16	0	0	37		S	3	AL			
	Spar Mt., Mis	3292	1982	50			2	1	0			L	6				
	McClosky, Mis	3312	1974	#			2	0	0			S	8				
	St. Louis, Mis	3419	1985	10			3	2	0			OL	4				
	Salem, Mis	4080	1985	10			1	1	0			L	4				
	Ullin, Mis	4230	1975	50			1	0	0			L	8				
							4	1	0			L	30				
*Sumpter S, White, 4-5S, 9E																	
	Tar Springs, Mis	2580	1948	290	9.2	1041.3	32	0	0	11				AF	Mis	4243	
	Bethel, Mis	3025		160			16	0	0	34		S	8	AF			
	Aux Vases, Mis	3260		10			1	0	0	35		S	15	AF			
				210			16	0	0	37		S	10	AF			
Sumpter W, White, 4S, 9E																	
	Aux Vases, Mis	3165	1952	60	1.9	42.4	4	0	0	3					Mis	4050	
	Ohara, Mis	3244	1980	20			2	0	0	37		S	5	AL			
				40			2	0	0			L	4				
				ABD 1964 , REV 1969													
*Tamaroa, Perry, 4S, 1W																	
	Cypress, Mis	1120	1942	350	3.4	478.0	24	0	0	10					Trn	4287	
	Trenton, Ord	4135	1964	250			19	0	0	30	0.12	S	13	AL			
				110			6	0	0	38		L	40				
*Tamaroa S, Perry, 4S,1W																	
	Cypress, Mis	1155	1957	300	3.8	368.2	23	0	0	15	28	S	7		Mis	1385	

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone	Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Sulfur percent	Kind of rock				
														GR. API	Thickness
Name and age	Depth (ft)												Zone	Depth (ft)	
Tamaroa W, Perry, 4S, 2W															
Cypress, Mis	1100	1956	20	0.0	2.5	3	0	0	1	34	S	5	Dev	2902	
Taylor Hill, Franklin, 5S, 4E															
Ohara, Mis	3055	1949	270	15.3	240.1	22	2	0	14				Dev	5040	
St. Louis, Mis	3365	1985	80			6	0	0	37		L	4			
Salem, Mis	3635	1979	10			1	0	0			L	5			
Ullin, Mis	3940	1961	20			2	0	0			L	6			
			230			13	2	0	38		L	15			
ABO 1968,REV 1977															
Teutopolis, Effingham, 8N, 6E															
Spar Mt., Mis	2402	1966	170	5.8	214.7	12	0	0	9				Dev	4037	
McClosky, Mis	2530	1967	#			11	0	0			OL	5			
St. Louis, Mis	2570	1967	40			2	0	0	38		L	4			
						3	0	0	39		L				
Teutopolis S, Effingham, 8N, 6E															
Spar Mt., Mis	2477	1968	50	0.0	20.1	3	0	0	0				Mis	2950	
McClosky, Mis	2535	1968	#			2	0	0			S	4			
						2	0	0			OL	5			
ABO 1983															
*Thackeray, Hamilton, 5S, 7E															
Cypress, Mis	3030	1944	840	3.3	4483.6	76	0	0	29				Dev	5611	
Aux Vases, Mis	3360	1944	30			3	0	0	36		S	24	A		
Ohara, Mis	3435	1946	760			68	0	0	37		S	15	AL		
McClosky, Mis	3500	1946	120			1	0	0			L	5	AC		
			#			6	0	0	37		L	10	AC		
Thompsonville, Franklin, 7S, 4E															
Ohara, Mis	3110	1940	430	1.8	430.0	44	0	0	16				Dev	5400	
Spar Mt., Mis	3190	1967	350			10	0	0			L	4			
McClosky, Mis	3200	1940	#			2	0	0			LS	4			
St. Louis, Mis	3450		#			20	0	0	38	0.16	L	10	A		
			90			2	0	0	39		L	10			
ABO 1947, REV 1967															
*Thompsonville E, Franklin, 7S, 4E															
Aux Vases, Mis	3150	1949	180	6.6	629.2	14	0	0	1	38	S	8	ML	Mis	3371
*Thompsonville N, Franklin, 7S, 4E															
Cypress, Mis	2750	1944	960	35.1	3965.0	94	2	0	19				Mis	4181	
Aux Vases, Mis	3100	1948	20			1	0	0	37		S	10	AL		
Spar Mt., Mis	3062	1944	960			91	1	0	35		S	20	AL		
		1985	10			1	1	0			L	4			
Tilden, Randolph, 4S, 5W															
Silurian	2160	1952	640	85.4	4834.1	46	8	0	41	40	L	60	R	Trn	3100
Tilden N, St Clair, Washington, Randolph, 3-4S, 5-6W															
Devonian	2010	1968	690	16.2	1014.0	43	0	0	43				R	Ord	2810
Silurian	2014	1981	150			9	0	0							
		1968	550			34	0	0	42		L	29	R		
Toliver E, Clay, 5N, 6-7E															
Cypress, Mis	2510	1943	210	2.4	317.2	18	0	0	12				Mis	3519	
Aux Vases, Mis	2740	1955	10			1	0	0	36		S	14	M		
Spar Mt., Mis	2815	1967	50			4	0	0	36		S	4			
McClosky, Mis	2840	1943	140			7	0	0	36		L	6	MC		
			#			6	0	0	35		OL	8	MC		
Toliver S, Clay, 4N, 6E															
Aux Vases, Mis	2765	1953	80	0.0	60.4	4	0	0	0				M	Mis	2915
McClosky, Mis	2875	1953	20			1	0	0	36		S		MC		
		1956	60			3	0	0	34		L	5	MC		
ABO 1964,REV 1983,ABO 1985															
*Tonti, Marion, 2-3N, 2E															
Benoist, Mis	1930	1939	610	59.5	14654.4	111	2	0	66				R	Ord	4900
Aux Vases, Mis	2005	1939	140			18	0	0	36		S	20	Rd		
			200			28	2	0	37		S	30	Rd		

(Continued on next page)

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Pro- ducing end of year	Character of oil		Pay zone			Deepest test	
				During 1986	To end of 1986	Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned end of 1986		GR. API	Sul- fur per- cent	Kind of rock	Thi- ckn- ess	Str- uct- ure	Zone	Depth (ft)
*Tonti, Marion, 2-3N, 2E																
(Continued from previous page)																
	Spar Mt., Mis	2125	650			16	0	0				LS	12	Rd		
	McClosky, Mis	2130	#			75	0	0			0.21	OL	15	Rd		
	Devonian	3500	80			7	0	0			37	0	7	Rd		
Tovey, Christian, 13N, 3W																
	Silurian	1850	10	0.0	28.0	1	0	0	0	38		L	10	Sil	1881	
				ABD 1973												
*Trumbull C, White, 5S, 8-9E																
	Pennsylvanian	830	1640	19.1	3979.7	129	3	0	64			S	12	A	Mis 4401	
	Tar Springs, Mis	2528	10			1	0	0				S	5			
	Cypress, Mis	2845	30			2	0	0			35	S	10			
	Bethel, Mis	2955	460			36	0	0			36	S	9	A		
	Aux Vases, Mis	3170	70			4	2	0			37	S	9	A		
	Ohara, Mis	3230	540			44	0	0			36	S	9	A		
	Spar Mt., Mis	3270	730			20	0	0			36	L	15	AC		
	McClosky, Mis	3290	#			15	0	0				L	6	AC		
	St. Louis, Mis	3561	30			23	1	0				L	5	AC		
	Ullin, Mis	4110	20			3	0	0				L	14			
*Trumbull N, White, 4S, 8E																
	Aux Vases, Mis	3325	250	24.6	190.8	19	0	0	13			S	6		Mis 4960	
	Ohara, Mis	3420	200			14	0	0		36		L	4			
	McClosky, Mis	3466	50			1	0	0				L	4			
				ABD 1966, REV 1979		4	0	0		37		OL	16			
Turkey Bend, Perry, 4S, 2W																
	Trenton, Ord	3940	50	1.8	69.3	3	0	0	3	39		L	1	Ord	4044	
*Valier, Franklin, 6S, 2E																
	Aux Vases, Mis	2685	120	2.6	148.0	7	0	0	3			S	7		Mis 2900	
	McClosky, Mis	2715	110			6	0	0		39		L	12	ML		
				ABO 1945, REV 1963		1	0	0		39						
Vergennes, Jackson, 7S, 2W																
	Devonian	3300	310	8.9	86.7	19	0	2	15	39		D	10	U	Ord 7094	
Virden W, Macoupin, 12N, 7W																
	Devonian	1361	70	0.2	2.8	5	0	0	2			L	20		Sil 1500	
	Silurian	1400	30			2	0	0		38		L	10			
				ABO 1971, REV 1982		3	0	0								
Waggoner +, Montgomery, 11N, 5W																
	Pottsville, Penn	610	40	0.0	12.0	7	0	0	1	28	0.21	S	10		Sil 1945	
				ABO 1949, REV 59, ABO 60, REV 63, ABD 64, REV 77												
Wakefield, Jasper, 5N, 9E																
	Spar Mt., Mis	3100	40	0.8	2.5	3	1	0	1			L	5		Mis 3756	
	McClosky, Mis	3105	40			2	0	0		38		OL	6			
				ABO 1947, REV 1953, ABO 1954, REV 1986		1	1	0								
Wakefield N, Jasper, 5N, 9E																
	McClosky, Mis	3000	10	0.0	23.2	1	0	0	0	37		L	6		Mis 3204	
				ABO 1958												
Wakefield S, Richland, 5N, 9E																
	Spar Mt., Mis	3040	100	0.0	7.7	8	0	0	0			S	4		Mis 3807	
	McClosky, Mis	3040	80			1	0	0				L	4			
	Salem, Mis	3540	#			5	0	0		37		L	4			
				ABD 55, REV 69, ABD 74, REV 81, ABD 83		2	0	0				L	5			
*Walpole, Hamilton, 6-7S, 6E																
	Tar Springs, Mis	2465	2210	24.7	10633.6	139	0	0	63			S	15	A	Dev 5950	
	Benoist, Mis	2962	110			7	0	0		37		S	8	AL		
	Aux Vases, Mis	3070	10			1	0	0				S	20	A		
	Ohara, Mis	3152	2070			122	0	0		37	0.13	S	4	A		
	Spar Mt., Mis	3195	210			1	0	0		37		L	7	A		
	McClosky, Mis	3162	#			4	0	0				L	7	AC		
				ABD 55, REV 69, ABD 74, REV 81, ABD 83		11	0	0		37		OL	7	AC		
(Continued on next page)																

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Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
				Ouring 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Walpole, Hamilton, 6-7S, 6E																
						(Continued from previous page)										
	St. Louis, Mis	3544	1960	30		3	0	0		38		L	8	AC		
	Salem, Mis	4058	1979	20		2	0	0				L	16			
	Ullin, Mis	4194	1985	10		1	0	0				L	4			
	Clear Creek, Dev	5314	1984	10		1	0	0				D	6			
Walpole S, Hamilton, 7S, 6E																
	Aux Vases, Mis	3120	1951	50	D.0	3	0	0	1	37		S	6	AL	Mis 3362	
				ABO 1975,REV	1984											
Waltonville, Jefferson, 3S, 2E																
	Benoist, Mis	2460	1943	70	1.0	7	1	1	4					A	Dev 4500	
	St. Louis, Mis	2767	1962	50		4	0	0	38	0.14		S	9	A		
	Salem, Mis	3170	1981	10		1	0	0	37			L	14			
	Borden, Mis	3577	1982	10		1	1	1				S	5			
													23			
*Wamac, Marion, Clinton, Washington, 1N, 1E, 1W																
	Petro, Penn	720	1921	310	3.5	121	0	0	3					OF	Ord 4160	
	Oevonian	3015	1959	310		119	0	0	36			S	20	OF		
				10		1	0	0	38			L	9	OF		
Wamac E +, Marion, 1N, 1E																
	Isabel, Penn	845	1952	170	2.4	13	0	0	5	30		S	15	ML	Trn 3700	
				PAY ZONE IS	ISABEL (WILSON SAND), PEN											
*Wamac W, Clinton, 1N, 1W																
	Cypress, Mis	1312	1962	260	13.7	28	0	0	22						Oev 3050	
	Benoist, Mis	1466	1962	130		15	0	0	35			S	8			
				130		13	0	0	36			S	12			
Wapella E, Oewitt, 21N, 3E																
	Oevonian	1108	1962	350	46.4	36	0	0	35						Stp 2216	
	Silurian	1112	1962	30		3	0	0	31			L	5			
				350		36	0	0	31			O	6	R		
*Warrenton-Borton, Edgar, Coles, 13-14N, 13-14W																
	Pennsylvanian	200	1906	590	0.0	58	0	0	5	31		S	20	ML	Trn 2212	
Waterloo, Monroe, 1-2S, 10W																
	Trenton, Ord	410	1920	880	5.7	97	4	0	57	30	0.97	L	50	A	PC 2768	
				ABO 1930,REV	1939,CONV.	IN PART TO GAS STORAGE				51						
Watson, Effingham, 7N, 5-6E																
	Spar Mt., Mis	2415	1957	30	0.4	3	0	1	0						Mis 2647	
	McClosky, Mis	2434	1958	30		2	0	0				S	5			
				#		1	0	1	38			L	11			
				ABO 1986												
Watson W, Effingham, 7N, 5E																
	Aux Vases, Mis	2208	1965	20	0.0	2	0	0	2	39		S	12		Mis 2316	
Waverly +, Morgan, 13N, 8W																
	Oevonian	1020	1946	20	0.0	1	0	0	0			L	10	A	Ord 2070	
				ABO,GAS STORAGE	IN ST PETER AND GALESVILLE											
Wayne City, Wayne, 2S, 6E																
	Salem, Mis	3974	1978	50	0.0	5	0	0	2			L	28		Oev 5247	
Weaver, Clark, 11N, 10W																
	Cole, Mis	1565	1949	570	11.0	46	0	0	28						Oev 2160	
	Oevonian	2030	1949	30		1	0	0	30			S	5	R		
				540		44	0	0	37			L	10	Rd		
*West Frankfort C, Franklin, 7S, 2-3E																
	Tar Springs, Mis	2060	1941	1790	48.6	158	1	0	55					A	Dev 4869	
	Aux Vases, Mis	2710	1947	680		70	0	0	39	0.13		S	20	A		
	Ohara, Mis	2760	1943	490		42	1	0	38			S	20	AL		
				860		45	0	0	38			L	8	AC		
(Continued on next page)																

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells			Producing end of year	Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986		GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*West Frankfort C, Franklin, 7S, 2-3E				(Continued from previous page)													
	Spar Mt., Mis	2810		0		6	0	0				L	8	AC			
	McClosky, Mis	2825	1947	0		22	0	0		38		L	14	AC			
	St. Louis, Mis	3161	1980	10		1	0	0				L	2				
*West Seminary, Clay, 2N, 7E																	
	Aux Vases, Mis	2972	1959	320	0.0	819.9	29	0	0	2	37		S	10	MC	Mis	3690
	Spar Mt., Mis	3059	1959	230			18	0	0				L	6	MC		
	McClosky, Mis	3068	1959	290			3	0	0		38		OL	12	MC		
				0			14	0	0								
*Westfield, Clark, Coles, 11-12N, 11E-14W																	
	Pennsylvanian	280	1904	9750	x	x	2127	111	2	523	28				D	Stp	3009
	Spar Mt., Mis	348	1984	1750			277	10	0				S	25	D		
	Westfield, Mis	335		10			1	0	0				SL	21			
	Carper, Mis	875		9640			1683	91	0		32		S	25	0		
	Devonian	1165	1984	690			40	0	0		38		S	18	0		
	Trenton, Ord	2300		10			1	0	0				L	5			
				1980			130	10	2		38	0.18	L	40	0		
SEE CLARK COUNTY DIV. FOR PRODUCTION																	
*Westfield E +, Clark, 11-12N, 14W																	
	Pennsylvanian	400	1947	310	0.5	15.0	45	0	0	30	28		S	11	ML	Mis	795
Westfield N, Coles, 12N, 14W																	
	Pleasantview, Penn	275	1949	20	0.0	0.4	2	0	0	0	28		S	5		Pen	611
	Pennsylvanian	490	1949	20			1	0	0				S	10			
				0			1	0	0								
ABD 1957																	
Whiteash, Williamson, 8S, 2E																	
	Aux Vases, Mis	2464	1972	70	0.3	34.5	5	0	0	4			S	12		Mis	2651
	Ohara, Mis	2532	1972	60			4	0	0				L	8			
				20			2	0	0								
*Whittington, Franklin, 5S, 3E																	
	Hardinsburg, Mis	2310	1939	1480	130.9	3793.7	135	5	0	99					A	Ord	6155
	Cypress, Mis	2535	1948	440			29	0	0		38		S	10	A		
	Bethel, Mis	2612	1961	280			20	0	0		35		S	10	A		
	Aux Vases, Mis	2735		80			5	0	0		38		S	4	A		
	Ohara, Mis	2835		150			16	1	0		38		S	15	A		
	Spar Mt., Mis	2880		440			15	0	0		37		L	10	AC		
	McClosky, Mis	2870	1939	0			9	0	0				L	10	AC		
	St. Louis, Mis	3080	1939	0			9	0	0		38	0.24	L	9	AC		
	Salem, Mis	3300	1977	150			14	1	0		38	0.24	L	6	AC		
	Ullin, Mis	3560	1977	260			21	2	0				L	10			
	Devonian	4900	1981	20			1	0	0				L	7			
				550			29	1	0					15			
Whittington S, Franklin, 5-6S, 3E																	
	Cypress, Mis	2580	1950	120	2.1	495.5	10	0	0	10	35		S	10	A	Mis	3904
*Whittington W, Franklin, 5S, 2-3E																	
	Benoist, Mis	2615	1943	670	0.0	1571.2	38	0	0	2					A	Mis	3535
	Renault, Mis	2700	1949	10			1	0	0		36		S	10	AL		
	Aux Vases, Mis	2700	1956	480			21	0	0		37		L	10	A		
	Ohara, Mis	2800	1944	180			13	0	0		38		S	15	AL		
	Spar Mt., Mis	2800	1943	110			5	0	0				L	5	AC		
	McClosky, Mis	2780	1947	0			2	0	0				L	4	AC		
		2900		0			3	0	0		38		L	6	AC		
*Wilberton, Fayette, 5N, 2-3E																	
	Borden, Mis	2628	1959	1100	14.3	1931.2	62	1	0	40						Ord	4528
	Carper, Mis	3203	1963	10			1	0	0		35		S	38			
	Lingle, Dev	3466	1961	1080			49	0	0		37		S	39			
			1959	70			6	1	0		28		S	4			
*Williams C, Jefferson, 2-3S, 2E																	
	Cypress, Mis	2330	1948	500	7.1	1465.5	47	0	0	29					A	Oev	4578
	Benoist, Mis	2490	1983	10			1	0	0				S	6			
	Aux Vases, Mis	2550	1949	230			17	0	0		39		S	10	AL		
	McClosky, Mis	2600		410			30	0	0		37		S	5	AL		
				20			2	0	0		37		L	x	AC		

Table 7 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	GR. API	Sulfur percent	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Woburn C, Bond, 6-7N, 2W																	
		1940	1490	21.5	4765.6	144	0	0	50					A	Ord	3620	
	Cypress, Mis	865 1950	310			20	0	0		35		S	8	AL			
	Benoist, Mis	1020 1940	340			38	0	0		36	0.20	S	10	AL			
	Renault, Mis	1047 1958	10			1	0	0		36		L	x	AL			
	Aux Vases, Mis	1055 1956	140			5	0	0		36		S	10	AL			
	Lingle, Dev	2275 1949	760			59	0	0		35		S	8	AC			
	Trenton, Ord	3170 1947	390			25	0	0		39	0.27	L	12	A			
*Woodlawn, Jefferson, 2-3S, 1-2E																	
		1940	1980	33.7	18637.4	203	0	3	69					A	Ord	5101	
	Tar Springs, Mis	1440 1940	30			3	0	0		35		S		AL			
	Cypress, Mis	1800 1943	180			3	0	0		37		S	10	AL			
	Benoist, Mis	1960 1940	1910			182	0	3		37	0.16	S	25	A			
	Aux Vases, Mis	1975 1945	270			24	0	0		38		S	10	A			
	Ohara, Mis	2180 1984	280			1	0	0				L	5				
	Spar Mt., Mis	2205 1947	#			17	0	0		38		LS	15	A			
	McClosky, Mis	2200 1948	#			1	0	0				L	3	A			
	Lingle, Dev	3690 1945	70			11	0	0		37		S	6	A			
Woodlawn N, Jefferson, 2S, 2E																	
	McClosky, Mis	2304 1979	10	x	x	1	0	0	1			L	5		Mis	2444	
Woodlawn S, Jefferson, 3S, 1E																	
	Salem, Mis	2910 1981	60	0.9	17.4	3	0	0	3			L	8		Mis	3125	
Xenia, Clay, 2N, 5E																	
		1941	300	13.4	144.8	22	0	0	17					A	Dev	4885	
	Aux Vases, Mis	2785 1941	10			1	0	0		35	0.19	S	13	A			
	Carper, Mis	4230 1962	150			11	0	0		38		S	12				
	Devonian	4498 1982	240			12	0	0				L	11				
Xenia E, Clay, 2N, 5E																	
		1951	300	3.6	962.7	30	0	0	10					A	Mis	4620	
	Cypress, Mis	2500 1951	260			18	0	0		37		S	6	AL			
	Benoist, Mis	2710 1951	110			9	0	0		35		S	6	AL			
	Renault, Mis	2755 1959	20			2	0	0		35		S	15	AL			
	Aux Vases, Mis	2741 1960	30			3	0	0		35		S	10	AL			
	McClosky, Mis	2900 1981	10			1	0	0				L	7	A			
Yale, Jasper, 8N, 11E																	
		1966	700	59.2	385.7	48	9	1	37						Sil	3637	
	Benoist, Mis	1737 1985	10			1	1	0				S	8				
	Aux Vases, Mis	1650 1981	40			3	0	0				S	4				
	Spar Mt., Mis	2070 1966	660			12	0	0				L	10				
	McClosky, Mis	2140 1966	#			34	8	1	37			L	6				
*York, Cumberland, Clark, 9-10N, 10-11E, 14W																	
	Isabel, Penn	590 1907	410	x	x	79	0	0	8	31		S	15	AM	Dev	2642	
ABD 45, REV 50, SEE CLARK COUNTY DIV. FOR PROD.																	
*Zeigler, Franklin, 7S, 2E																	
	Aux Vases, Mis	2614 1963	350	8.2	2189.0	34	0	1	31	37		S	19		Mis	3030	
Zeigler S E, Franklin, 7S, 2E																	
	McClosky, Mis	2835 1984	20	0.0	0.0	1	0	0	1			L	6		Mis	4333	
Zenith, Wayne, 2N, 5E																	
		1948	50	0.0	26.8	5	0	0	0						Mis	3601	
	McClosky, Mis	2970 1948	40			4	0	0		38		L	7	AC			
	St. Louis, Mis	3088 1969	10			1	0	0				L	6				
ABD 1956, REV 69, ABD 70, REV 73, ABD 80																	
*Zenith E, Wayne, 1N, 6E																	
		1965	320	0.0	548.4	20	0	0	13						Mis	4102	
	Spar Mt., Mis	3170 1965	250			14	0	0		37		L	10				
	McClosky, Mis	3200 1981	40			3	0	0				L	4				
	St. Louis, Mis	3270 1981	20			1	0	0				L	4				
	Salem, Mis	3945 1981	10			2	0	0				L	4				

Table 7 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production (1000 barrels)		Number of wells				Character of oil		Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-port-ed in 1986	Aban-doned 1986	Pro-duc-ing end of year	Sul-fur per-cent	GR. API	Kind of rock	Thi-ck-ness	Str-uct-ure	Zone	Depth (ft)
*Zenith N, Wayne, 2N, 6E																	
	Spar Mt., Mis	3080	1951	450	14.4	1585.5	35	1	0	19							
	McClosky, Mis	3140	1951	300			16	1	0		38		L	6	A	Dev	5000
	Salem, Mis	3634	1972	250			7	0	0				L	4	AC		
							17	0	0				L	6	AC		
Zenith S, Wayne, 1N, 5E																	
	Ohara, Mis	2920	1949	310	0.0	766.1	16	0	0	0							
	McClosky, Mis	2985	1949	310			2	0	0				L	6	M	Mis	3827
				#			14	0	0		37		L	7	MC		
					ABD 66,REV 67, ABD 70,REV 82,ABD 85												

1986 TOTALS

Area proved in acres	716,600
Production during 1986	25,283
Production, location unknown	1,962
Production to end of 1986	3,315,869
Wells completed to end of 1986	78,904
Wells completed in 1986	1,325
Wells abandoned in 1986	336
Wells producing at end of 1986	31,993

*Production totals in thousands of barrels

Table 8 Illinois gas field statistics, 1986; explanation of abbreviations and symbols

Field:	N, North; S, South; E, East; W, West; C, Consolidated; Cen, Central. Fields located in two or more counties have county names listed in order of discovery.
Age:	PC, Precambrian; Cam, Cambrian; Ord, Ordovician; Shk, Shakopee; Stp, St. Peter; Trn, Trenton; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Pen, Pennsylvanian.
Kind of rock in pay zone	D, dolomite; DS, sandy dolomite; L, limestone; LS, sandy limestone; : OL, oolitic limestone; S, sandstone.
ABD:	Field abandoned.
REV:	Field revived.
Structure/ trap:	A, anticline; C, stratigraphic trap; D, dome; F, faulting; H, strata horizontal or nearly horizontal; L, lens; M, monocline; R, reef; Rd, reef drape; T, terrace; U, unconformity. Combinations of letters are used when more than one factor applies.
+	From oil wells.
*	Field listed in table 7 (oil production).
++	Gas storage project.
#	Acreage is included in the immediately preceding figure.
x	Correct entry not determinable.

Table 8 Illinois gas field statistics, 1986

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production MMCF		Number of wells					Kind of rock	Pay zone		Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned end of 1986	Producing end of year	Thickness		Structure	Zone	Depth (ft)	
Adams; Adams; 2S; 6-7W	Silurian	409 1983	120	0.0	0.0	10	10	0	10	L	5	MU	Sil	560	
*Albion C; Edwards, White; 3S; 10E	Pennsylvanian	1490 1940	50	0.0	9.4	2	0	0	0	S	6	MF	Oev	5185	
Alhambra; Madison; 5N; 5W	Pennsylvanian	600 1974	20	0.0	0.0	1	0	0	0	S	6		Sil	2005	
*Amity S.; Richland; 4N; 14W	Spar Mt., Mis	2910 1981	10	0.0	0.0	1	0	0	0	S	3		Mis	3071	
*Ashmore E; Edgar; 13N; 14W	Pennsylvanian	367 1973	20	0.0	0.0	2	0	0	0	S	22		Oev	1228	
***Ashmore S; Clark, Coles; 12N; 10-11E; 14W	Pennsylvanian	430 1958 1958 440 Osage, Mis 385 1963	460 20	0.0	x	23 22 1	0 0 0	0 0 0	0	S S	x x	A A	Trn	2260	
*Ava-Campbell Hill; Jackson; 7S; 3-4W	Cypress, Mis	780 1916	370 ABD 1943; REV	0.0	(OIL) x 1956;	20 ABD 1957	0	0	0	S	18	A	Trn	3582	
Ayers Gas; Bond; 6N; 3W	Benoist, Mis	940 1922	325 ABO 1950	0.0	298.7	21	0	0	0	S	5	A	Ord	3044	
Beardstown; Schuyler; 1N; 1W	Devonian	452 1983	190	0.0	0.0	15	4	0	15	L	4		Sil	677	
	Silurian	568 1985	160 30			12 3	1 3	0 0		L	4 4				
*Beaver Creek N; Bond; 4N; 2W	Benoist, Mis	1132 1965	40	0.0	0.0	1	0	0	0	S	x		Oev	2556	
++Beaver Creek NE Gas; Bond; 4N; 2W	Benoist, Mis	1126 1961	70	0.0	x	7	0	0	0	S	5		Sil	2487	
*Beaver Creek S; Bond, Clinton; 3-4N; 2W	Cypress, Mis	1015 1946	280	0.0	0.0	8	0	0	0	S	20	A	Sil	2606	
*Beckmeyer Gas; Clinton; 2N; 3W	Cypress, Mis	1070 1956	90 80	0.0	0.0	2 1	0 0	0 0	0	S	23		Sil	2730	
	Benoist, Mis	1155 1975	10 ABO 1958; REV 1975			1	0	0		S	13				
*Bellair; Crawford; 8N; 14W	Carper	1722 1970	10 ABO (Gas) 1986	0.0	0.0	1	0	1	0	S	45		Oev	2732	
Beverly Gas; Adams; 3S; 5W	Silurian	450 1957	80	0.0	0.0	2	0	0	0	L	6		Stp	840	
Beverly S; Adams; 3S; 5W	Silurian	550 1984	10	0.0	0.0	1	0	0	0	L	2		Sil	552	
*Black Branch E; 15N; 14W	Silurian	1695 1969	20	0.0	0.0	1	0	0	0	L	23	MU	Sil	1755	

Table 8 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production		Number of wells				Pay zone	Deepest test					
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year		Kind of rock	Thickness	Structure	Zone	Depth (ft)	
																MMCF
*Boulder; Clinton; 2-3N; 2W																
	Geneva, Dev	2630	1941	320	0.0	0.0	4	0	0	0	0	7	R	Trn	3813	
				ABD 1965												
*Boulder E; Clinton; 3N; 1W																
	McClosky, Mis	1957	90	0.0	0.0		3	0	0	0				Sil	2946	
	Oevonian	1981	10				1	0	0		L	5				
		2840	1957	80			3	0	0		L	12	x			
*Brooklyn; Schuyler; 3N; 3W																
	Silurian	512	1984	10	0.0	0.0	1	0	0	1	L0	5		Ord	996	
*Carlinville; Macoupin; 9N; 7W																
	Pennsylvanian	365		60	0.0	0.0	6	0	0	0	S	x	x	Mis	1380	
				ABO 1925; REV 1942												
*Carlinville N; Macoupin; 10N; 7W																
	Pottsville, Penn	440	1941	40	0.0	0.0	1	0	0	0	S	10	x	Trn	1970	
				ABO 1954												
*Carlyle; Clinton; 2N; 3W																
	Cypress, Mis	1015	1958	20	0.0	x	2	0	0	0	S	x	AL	Stp	4120	
*Casey; Clark; 10-11N; 14W																
	Casey, Penn	440		x	0.0	x	0	0	0	0	S	x	AM	Trn	2608	
Claremont; Richland; 3n; 14W																
	Spar Mt., Mis	3200	1950	160	0.0	0.0	1	0	0	0	L	5	MC	Mis	4065	
*++Cooks Mills C; Coles, Oouglas; 14N; 7-8E																
	Cypress, Mis	1600	1941	960	0.0	1895.4	24	1	0	0	S	10	A	Oev	3059	
	Aux Vases, Mis	1800		680			14	0	0		S	8	AC			
	Spar Mt., Mis	1765		40			1	0	0		S	8	A			
	McClosky, Mis	1844	1983	450			6	0	0		S	15	AC			
				10			1	1	0		L	4				
Cooperstown; Brown; 1S; 2W																
	Silurian	516	1977	30	0.0	0.0	3	0	0	0	L	6	x	Sil	575	
Corinth S; Williamson; 9S; 4E																
	Hardinsburg, Mis	2232	1970	60	0.0	147.4	4	0	0	0	S	4		Mis	2823	
*Ouboic C; Washington; 3S; 1-2W																
	Cypress, Mis	1220	1939	400	0.0	0.0	10	0	0	0	S	10	AL	Ord	4217	
*Oudley; Edgar; 14N; 13W																
	Pennsylvanian	300	1948	170	0.0	x	5	0	0	0	S	20	M	Stp	2997	
Oudley West Gas; Edgar; 13N; 13W																
	Pennsylvanian	380	1953	130	0.0	0.0	4	0	0	0	S	11	x	Pen	513	
*Eagerville E; Macoupin; 8N; 6W																
	Pennsylvanian	650	1982	x	0.0	0.0	1	0	0	0	S	x	x	Pen	674	
++Eden Gas; Randolph; 5S; 5W																
	Cypress, Mis	875	1962	1000	0.1	381.6	15	0	0	3	S	x		Mis	2337	
*Eldorado C; Saline; 8S; 7E																
	Pennsylvanian	1620	1941	300	22.0	3996.9	19	0	0	x	S		A	Mis	4004	
	Palestine, Mis	1920	1984	10			1	0	0		S	x	x			
	Waltersburg, Mis	2055		120			3	0	0		S	20	AL			
	Tar Springs, Mis	2225		80			2	0	0		S	20	AL			
				40			4	0	0		S	17	AL			
(Continued on next page)																

(Continued on next page)

Table 8 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
*Eldorado C; Saline; 8S; 7E							(Continued from previous page)								
	Hardinsburg, Mis	2353	1962	120			4	0	0		S	5			
	Cypress, Mis	2460		80			2	0	0		S	20	x		
*Eldorado E; Saline; 8S; 7E															
			1953	120	6.5	1133.4	10	0	0	1			A	Mis	4183
	Palestine, Mis	1900		80			5	0	0		S	30	AL		
	Tar Springs, Mis	2135		20			5	0	0		S	20	SL		
	Cypress, Mis			10			1	0	0		S				
*Eldorado W; Saline; 8S; 6E															
	#6 Coal, Penn	390	1978	20	34.2	283.0	2	0	0	1				Mis	3165
	Palestine, Mis	1923	1960	10			1	0	0		C	x	S		
				10			1	0	0		S	27			
Ficklin; Douglas; 16N; 8E															
	Spar Mt., Mis	1444	1966	40	0.0	0.0	1	0	0	0	S	20	x	Cam	5301
Fidelity; Jersey; 8N; 10W															
	St. Louis, Mis	330	1984	20	0.0	0.0	2	1	0	2	L	10			
Fishhook Gas; Adams, Pike; 3-4S; 4-5W															
	Edgewood, Sil	450	1955	7250	195.6	2130.4	70	0	0	6	L	5	AU	Stp	1018
*++Freeburg; St. Clair; 1-2S; 7W															
	Cypress, Mis	380	1956	700	0.0	x	29	0	0	0	S	30	C	Ord	2008
++Gillespie-Benld (Gas); Macoupin; 8N; 6W															
	Pennsylvanian	540	1923	80	0.0	135.8	5	0	0	0	S	x	A	Pen	603
				ABD 1935											
Gillespie W; Macoupin; 8N; 7W															
	Pennsylvanian	525	1958	10	0.0	0.0	1	0	0	0	S	x	x	Pen	565
				ABD 1976											
Grandview-Inclose; Clark, Edgar; 12-13N; 13-14W															
			1941	1460	49.9	x	72	7	4	18			M	Ord	2694
	Pennsylvanian	400		1420			71	7	4		S		ML		
	Salem, Mis	570		40			1	0	0		L	2	ML		
*Greenville Gas; Bond; 5N; 3W															
	Lindley, Mis	925	1910	180	0.0	990.0	4	0	0	0	S	x	A	Ord	3184
				ABD 1923; REV 1957; ABD 1958											
*Griggsville; Pike; 4S; 3W															
	Silurian	360	1982	460	x	227.2	25	3	6	16	L	20	AU	Ord	820
*Harco, Harco E, Harco S; Saline; 8S; 5E															
	Mississippian	360	1954	x	0.0	2646.0	0	0	0	4				Mis	4400
*Harrisburg; Saline; 8S; 6E															
	Tar Springs, Mis	2085	1952	160	0.0	93.2	1	0	0	0	S	6	x	Mis	2967
				ABD 1971											
*Herald C; Gallatin, White; 6-8S; 9-10E															
			1939	1080	0.0	x	19	0	0	0			A	Dev	5285
	Anvil Rock, Pen	700		360			9	0	0		S	25	AL		
	Pennsylvanian	1750		120			3	0	0		S	18	AL		
	Waltersburg, Mis	2240		120			3	0	0		S	10	A		
	Tar Springs, Mis	2315		480			4	0	0		S	6	AL		
*Hornsby NW; Macoupin; 9N; 6W															
	Pennsylvanian	600	1982	150	0.0	0.0	7	1	1	0	S	15		Pen	666

Table 8 (continued)

Pool, county location by township and range	Pay zone		Year of dis- covery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
							Com- plet- ed to end of 1986	Re- port- ed in 1986	Aban- doned 1986	Pro- duc- ing end of year	Kind of rock	Thi- ckn- ess	Str- uct- ure	Zone	Depth (ft)
	Name and age	Depth (ft)			During 1986	To end of 1986									
*Hutton; Coles; 11N; 10E															
	Pennsylvanian	620	1965	80	0.0	0.0	2	0	0	0	S	x	x	Ord	3437
*Jacksonville Gas; Morgan; 15N; 9W															
	Pennsylvanian	330	1910	1320 ABD 1939	0.0	x	45	0	0	0	LS	5	ML	Ord	1390
*Johnson City E; Williamson; 8S; 3E															
	Tar Springs, Mis	1930	1965	80	0.0	998.0	4	0	0	1	S	10	x	Mis	2997
Kansas Gas; Edgar; 13N; 14W															
	Pennsylvanian	410	1958	30	0.0	x	3	0	0	0	S	x	x	Mis	778
*Keenville; Wayne; 1S; 5E															
	Salem, Mis	3620	1978	x	319.8	1508.2+	x	0	0	x	L	8	C	Dev	5050
*Lawrence; Lawrence; 3N; 12W															
	Spar Mt., Mis	2092	1975	20	0.0	0.0	2	1	0	0	S	4	x	Cam	9261
	McClosky, Mis	2050	1975	10			1	1	0						
				10			1	0	0		L				
Livingston E; Madison; 6N; 6W															
	Pennsylvanian	540	1951	60	0.0	0.0	3	0	0	0	S	12	x	Mis	815
*Livingston S; Madison; 6N; 6W															
	Pennsylvanian	530	1950	40	0.0	0.0	1	0	0	0	S	2	ML	Ord	2480
*++Louden; Fayette; 7N; 3E															
	Burtschi, Penn	1000	1937	1780	x	x	16	1	0	15	S	20	A	AL	8616
	Tar Springs, Mis	1170		320			5	0	0						
	Devonian	3150	1981	1440			9	0	0						
				30			3	1	0		L	12	AL		
Macoupin Station; Macoupin; 9N; 8W															
	Pennsylvanian	337	1985	10	0.0	0.0	1	1	0	1	S	18		Pen	355
*Main C; Crawford, Lawrence; 5-8N; 10-14W															
	Robinson, Penn	1000	1906	x	169.3	x	x	4	0	x	S	40	M	Stp	5317
	Hardinsburg, Mis	1075		x			x	3	0						
	Cypress, Mis	1425		160			1	0	0						
	Benoist, Mis	1500		320			2	0	0		S	6	ML		
	Renault, Mis	1570	1980	x			1	0	0		S	9			
	Aux Vases, Mis	1527	1959	70			9	1	0		S	8	ML		
*Marion E; Williamson; 9S; 3E															
	Aux Vases, Mis	2406	1966	40	0.0	0.0	1	0	0	0	S	4	x	Mis	2642
*Marissa W (Gas); St. Clair; 3S; 7W															
	Cypress, Mis	241	1960	60	0.0	x	7	0	0	0	S	25		Ord	2413
*Mattoon; Coles; 12N; 7E															
	Devonian	3124	1948	1160	266.4	10576.4	38	0	0	16	L	4	A	Stp	4915
*Mt. Olive; Montgomery; 8N; 5W															
	Pottsville, Penn	605	1942	100	0.0	x	4	0	0	0	S	6	A	Sil	1878
New Athens Gas; St. Clair; 2S; 7W															
	Cypress, Mis	250	1961	250	18.5	545.0	10	0	0	3	S	13		Mis	400

Table 8 (continued)

Pool, county location by township and range	Pay zone		Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
	Name and age	Depth (ft)			During 1986	To end of 1986	Com-plet-ed to end of 1986	Re-port-ed in 1986	Aban-doned 1986	Pro-duc-ing end of year	Kind of rock	Thi-ckn-ess	Str-uct-ure	Zone	Depth (ft)
*New Harmony C; White, Wabash, Edwards; 1N; 1-5S; 13-14W															
	Pennsylvanian	764	1974	10	0.0	0.0	1	0	0	0	S	12		Shk	7682
*New Hebron E; Crawford; 6N; 12W															
	Robinson, Penn	866	1968	30	0.0	0.0	3	0	0	0	S	x		Mis	1571
*Old Ripley; Bond; 5N; 4W															
	Cypress, Mis	785	1981	10	0.0	0.0	1	0	0	0	S	8		Ord	3085
*Omaha; Gallatin; 7-8S; 8E															
	Palestine, Mis	1865	1940	130	0.0	221.4	5	1	0	0	S	15	D D D	Dev	5320
	Tar Springs, Mis	1865	1973	20			2	1	0	0					
		1900	1940	120			3	0	0	0					
*Panama; Bond, Montgomery; 7N; 3-4W															
	Pennsylvanian	575	1940	280	0.0	x	7	0	0	0	S	30	A A A	Ord	2950
	Benoist, Mis	865		160			4	0	0	0					
				120			3	0	0	0	S	12			
*Phillipstown C; Edwards; 3S; 10E															
	Bethel, Mis		1939	10	0.0	0.0	1	0	0	0	S	x	x	Dev	5350
Pittsburg; Williamson; 8S; 3E															
	Tar Springs, Mis	1920	1962	40	23.2	192.8	4	0	0	2	S	12	x	Mis	2570
*Pittsburg N Gas; Williamson; 8S; 3E															
	Hardinsburg, Mis	2151	1962	20	0.0	10.0	2	0	0	0	S	6		Mis	3070
Pittsfield (Gas); Pike; 5S; 4-5W															
	Niagaran, Sil	265	1886	8960	0.0	xxx	68	0	0	0	L	10	A	PC	2226
			ABD 1930												
*Plainview; Macoupin; 8N; 8W															
	Pennsylvanian	441	1961	130	0.0	0.0	9	1	0	0	S	20	x	Pen	563
*Plainview S; Macoupin; 8N; 8W															
	Pennsylvanian	450	1984	40	0.0	0.0	5	0	0	0	S	11	x	Pen	642
*Prentice; Morgan; 16N; 8W															
	Pennsylvanian	260	1953	310	210.7	x	7	0	0	0	S	15	x	Ord	1513
*Raleigh; Saline; 8S; 5-6E															
	Waltersburg, Mis	2307	1962	60	0.0	585.5	3	0	0	0	S	7	x	Dev	5511
	Aux Vases, Mis	2988	1962	50			2	0	0	0					
			1983	10			1	0	0	0					
*Raleigh S; Saline; 8S; 5-6E															
	Waltersburg, Mis	2014	1955	160	99.5	x	19	2	0	17	S	5		Mis	4400
				+(INCLUDES 10 OIL WELLS)											
*Raymond E; Montgomery; 10N; 4W															
	Pennsylvanian	604	1983	20	0.0	0.0	2	0	0	0	S	3		Mis	1008
Redmon N; Edgar; 14N; 13W															
	Pennsylvanian	365	1955	50	0.0	0.0	2	0	0	0	S	3	x	Mis	450
++Richwood (Gas); Crawford; 6N; 11W															
	Pennsylvanian	612	1959	160	0.0	28.6	4	0	0	0	S	9	x	Pen	1001

Table 8 (continued)

Pool, county location by township and range	Pay zone	Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test		
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned in 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)	
*Roland C; Gallatin; 7S; 8E															
	Waltersburg, Mis	2150	1940	160	0.0	0.0	1	0	0	0	S	19	AL	Dev	5271
Rushville NW; Schuyler; 2N; 2W															
	Silurian	576	1986	10	0.0	0.0	1	1	0	1	L	6		Sil	630
*Russelville Gas; Lawrence; 4-5N; 10-11W															
	Bridgeport, Penn	760	1937	1810	0.0	7081.6	61	0	0	0	S	15	A	Dev	3133
	Buchanan, Penn	1100		x			19	0	0		S	12	AL		
				x			42	0	0		S				
				ABD 1949											
*St. Jacob E; Madison; 3N; 6W															
	Hardin, Dev	1840	1980	10	0.0	29.7	1	0	0	1	S	8		Ord	2600
St. Libory; St. Clair; 1S; 6W															
	Cypress, Mis	622	1964	280	39.8	556.0	8	0	0	3	S	11	R	Sil	1997
	Benoist, Mis	754	1965	40			1	0	0		S	22	Rd		
	Aux Vases, Mis	825	1964	40			1	0	0		S	10	Rd		
	Silurian			160			4	0	0		S		R		
				160			4	0	0		L				
Siloam; Brown; 2S; 4W															
	Silurian	658	1983	10	0.0	0.0	1	1	0	1	L	3		Sil	726
Spanish Needle Creek (Gas); Macoupin; 9N; 7W															
	Pennsylvanian	305	1915	80	0.0	14.4	7	0	0	0	S	x	0	Trn	2070
				ABD 1934											
*Sparta; Randolph; 4-5S; 5-6W															
	Cypress, Mis	850	1888	160	0.0	x	18	0	0	0	S	7	D	Trn	3130
				ABD 1900											
*Staunton (Gas); Macoupin; 7N; 7W															
	Pennsylvanian	460	1916	400	0.0	1050.0	18	0	0	0	S	x	A	Ord	2371
				ABO 1919											
*Stiritz; Williamson; 8S; 2E															
	Tar Springs, Mis	1951	1971	10	0.0	68.1	1	0	0	0	S	14		Dev	4669
Stolletown; Clinton; 3N; 3W															
	Pennsylvanian		1973	90	256.1	421.3	6	0	0	x	S			Dev	4669
	Cypress, Mis	970	1983	10			1	0	0		S				
			1973	30			5	0	0		S	x			
*Storms C; White; 5-6S; 9-10E															
	Pennsylvanian	1090	1939	440	0.0	0.0	9	0	0	0	S	40	A	Dev	5308
	Waltersburg, Mis	2230		170			2	0	0		S	15	AF		
				280			7	0	0						
*Stubblefield S; Bond; 4N; 4W															
	Pennsylvanian	590	1962	280	0.0	419.8	14	1	0	x	S	x	x	Dev	2455
	Cypress, Mis	920	1971	60			0	1	0		S	x	x		
			1962	220			0	0	0						
*Sumner S; Lawrence; 3N; 13W															
	Aux Vases, Mis	2566	1959	40	0.0	0.0	2	0	0	0	S	10		Mis	3100
*Tamaroa; Perry; 4S; 1W															
	Cypress, Mis	1120	1942	20	0.0	0.0	2	0	0	0	S	13	AL	Trn	4287
++Tilden N Gas; Washington, St. Clair; 3S; 5-6W															
	Cypress, Mis	780	1961	x	0.0	x	0	0	0	0	S	25	C	Ord	2810

Table 8 (continued)

Pool, county location by township and range	Pay zone Name and age	Year of discovery	Area proved in acres	Production MMCF		Number of wells				Pay zone			Deepest test	
				During 1986	To end of 1986	Completed to end of 1986	Reported in 1986	Abandoned 1986	Producing end of year	Kind of rock	Thickness	Structure	Zone	Depth (ft)
Time; Pike; 6S; 3W	Silurian	336 1984	50	0.0	0.0	5	0	0	5	L	20		Sil	428
*Waggoner; Montgomery; 11N; 5W	Pottsville, Penn	523 1959	10	21.7	126.4	1	0	0	1	S	2	x	Sil	1945
***Wamac E; Marion; 1N; 1E	Petro, Penn	856 1958	90	0.0	x	9	0	0	0	S	x	M	Dev	3405
***Waverly; Morgan; 13N; 8W	Pennsylvanian	250 1946	900	0.0	0.0	8	0	0	0	S	13	A	Ord	2070
	Devonian	1000	160			1	0	0		L	10	AL		
	Trenton, Ord	1513 1963	700			6	0	0		L		A		
			40			1	0	0				x		
*Westfield E; Clark; 12N; 14W	Pennsylvanian	400 1947	60	0.0	0.0	3	0	0	0	S	11	NL	Mis	795
Woodburn N; Macoupin; 7N; 8W	Pennsylvanian	381 1986	10	0.0	0.0	1	1	0	1	S	11		Mis	582
Totals for Illinois (estimated)			39,240	1,887.5	41,167.8	993	41	12	216					

